

Kuipers & Associates

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Kuipers & Associates, LLC

Date: April 29, 2010

To: Anaconda Deer Lodge County

From: Kuipers & Associates

Subject: **Ambient Air Quality Monitoring
Opportunity and Warm Springs Sites
March 2010 Monthly Report**

This March 2010 report documents the ambient air quality monitoring program conducted by Kuipers & Associates on behalf of Anaconda Deer Lodge County at the Opportunity and Warm Springs locations adjacent to the Atlantic Richfield Lower Waste Management Area (LWMA). Total Suspended Particulate (TSP) is monitored at Opportunity, and PM10 at Warm Springs. Additionally, wind speed, wind direction, temperature and relative humidity are monitored at both sites.

All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan. Results for the month are summarized as follows:

- Hourly average data were collected continuously by the monitors from March 1st through March 31st, with 99.5% availability for TSP at the Opportunity location and 99.9% availability for PM10 at the Warm Springs location.
 - Downtime at the Opportunity location occurred on March 14 at 18:00 MST and on March 28 at 15:00 MST for routine maintenance.
 - Downtime also occurred at the Opportunity location on March 19 at 01:00 MST because no data were recorded.
 - TSP data for the Opportunity location on March 18 at 22:00 MST was excluded from analysis because instrument readings may have been affected by a snow event.
 - Downtime at the Warm Springs location occurred on March 28 at 12:00 MST for routine maintenance.
- The hourly average data record for the month is attached to the end of this report. Current data is available for real-time electronic download on demand, and public viewing at: <http://ka.airsis.com/vision/login.aspx?ReturnUrl=%2fvision%2fDefault.aspx> (Username = ADLC, Password = OCPA).
- Monthly and quarterly air monitoring reports from June 2007 through present are now available on the County's website at: http://anacondadeerlodge.mt.gov/super/info.aspx#q_reports.

- At the Opportunity location the maximum TSP reading for the period on a daily average basis was 28 $\mu\text{g}/\text{m}^3$, and the average monthly concentration was 9 $\mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was 314 $\mu\text{g}/\text{m}^3$. This value was associated with moderate southwest winds, indicating that the Lower Waste Management Area (LWMA) was probably not a contributing source. The four highest daily and hourly maximum values are summarized in Table 1, and the average daily data for the month is attached together with meteorological information in Table 3.
- At the Warm Springs location the maximum PM10 reading for the period on a daily average basis was 14 $\mu\text{g}/\text{m}^3$, and the average monthly concentration was 5 $\mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was 52 $\mu\text{g}/\text{m}^3$. This value occurred with light north-northeast winds, and was probably not associated with the LWMA. The four highest daily and hourly maximum values are summarized in Table 2, and the average daily data for the month is attached together with meteorological information in Table 4.

Table 1
Opportunity Site TSP Maximum Data, March 2010

Maximum	TSP ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	28	3/25/2010	5.5	211
Daily 2nd Max	26	3/28/2010	7.7	193
Daily 3rd Max	18	3/24/2010	3.8	210
Daily 4th Max	15	3/21/2010	7.0	220
Hourly 1st Max	314	3/25/2010 14:00	8.7	224
Hourly 2nd Max	110	3/28/2010 17:00	14.3	227
Hourly 3rd Max	71	3/28/2010 12:00	8.9	203
Hourly 4th Max	70	3/28/2010 13:00	10.1	217

Table 2
Warm Springs Site PM10 Maximum Data, March 2010

Maximum	PM10 ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	14	3/17/2010	4.7	56
Daily 2nd Max	9	3/24/2010	3.4	175
Daily 3rd Max	8	3/18/2010	3.9	357
Daily 4th Max	7	3/25/2010	5.3	179
Hourly 1st Max	52	3/17/2010 15:00	5.1	29
Hourly 2nd Max	51	3/28/2010 13:00	NO DATA	NO DATA
Hourly 3rd Max	47	3/17/2010 16:00	5.6	29
Hourly 4th Max	36	3/7/2010 00:00	2.5	144

- There are no Montana or Federal air quality standards for TSP; both were replaced by the current PM10 standard in 1987. Prior to 1987 the Montana annual TSP standard was 75 $\mu\text{g}/\text{m}^3$, the 24-hour standard was 200 $\mu\text{g}/\text{m}^3$ and there was no hourly standard. TSP results for March at Opportunity were well below these historical standards. Monitoring for PM10 from May 2007 through June of 2008 showed that PM10 concentrations were consistently below regulatory levels. To facilitate comparison with previously collected PM10 data, the TSP data are being reported at Local temperature and pressure conditions.
- At the Warm Springs monitoring site daily average PM10 results for the month of March were well below the 24-hour Montana Ambient Air Quality Standard of 150 $\mu\text{g}/\text{m}^3$. The average monthly concentration was below the annual PM10 standard of 50 $\mu\text{g}/\text{m}^3$. There currently is no State or Federal standard for hourly PM10 data.
- Precipitation for the month was below average based on weather records for the Butte airport. The automated rain gauge at Opportunity registered 0.41 inches of precipitation during the month.
- Wind roses are attached to graphically depict prevailing winds.
 - Figure 1 shows the Opportunity location, where the predominant wind directions in March were from the southwest through south. Occasional northerly winds also occurred.
 - Figure 2 shows the Warm Springs location, where winds were mostly from the south-southwest through south-southeast.
- If a dust storm event or nuisance dust in general is observed, please contact us so that we may respond, and try to quantify and document the problem. We are available seven days per week 24 hours per day and ask that you contact the following (in order) until someone is notified.

Dust Event Contacts:

Steve Heck	498-4199
David Dobrinien	490-9205
Jim Kuipers	782-3441, then 459-0445
Sarah Zuzulock	585-9932, then 581-1355

Table 3
Opportunity Site Daily Average Data

Date	TSP Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)	Precipitation Total (inches)
March 1, 2010	8	1.7	3.9	174	0.7	33.3	62	0.00
March 2, 2010	9	2.3	5.1	181	4.0	39.2	50	0.00
March 3, 2010	5	2.0	4.4	164	4.4	40.0	69	0.00
March 4, 2010	8	1.4	3.1	359	1.1	34.1	79	0.00
March 5, 2010	13	1.2	2.6	349	0.4	32.6	73	0.00
March 6, 2010	8	1.4	3.2	175	1.2	34.2	64	0.00
March 7, 2010	9	1.8	3.9	213	2.1	35.7	57	0.00
March 8, 2010	8	1.8	3.9	188	2.6	36.6	56	0.00
March 9, 2010	6	2.2	4.8	8	-1.5	29.4	84	0.08
March 10, 2010	2	1.8	4.0	341	-3.7	25.3	65	0.00
March 11, 2010	3	2.7	6.0	201	-2.2	28.0	51	0.00
March 12, 2010	13	4.0	8.9	153	3.2	37.8	48	0.00
March 13, 2010	4	2.0	4.5	303	1.1	34.0	64	0.07
March 14, 2010	4	1.3	2.9	347	1.6	34.9	60	0.00
March 15, 2010	10	1.7	3.7	155	2.9	37.2	57	0.00
March 16, 2010	8	2.5	5.6	207	7.4	45.3	39	0.00
March 17, 2010	11	3.3	7.3	23	6.5	43.6	47	0.00
March 18, 2010	10	2.7	6.0	15	0.8	33.5	53	0.01
March 19, 2010	4	1.5	3.3	356	-2.5	27.6	60	0.00
March 20, 2010	6	2.4	5.3	203	2.2	36.0	41	0.00
March 21, 2010	15	3.1	7.0	220	6.1	42.9	45	0.00
March 22, 2010	5	2.8	6.2	277	2.6	36.7	62	0.00
March 23, 2010	6	1.6	3.5	354	0.3	32.6	60	0.00
March 24, 2010	18	1.7	3.8	210	1.7	35.1	49	0.00
March 25, 2010	28	2.4	5.5	211	3.5	38.3	55	0.00
March 26, 2010	6	3.1	6.8	269	1.6	34.9	56	0.00
March 27, 2010	6	2.3	5.1	236	3.9	39.0	45	0.00
March 28, 2010	26	3.4	7.7	193	6.6	43.8	37	0.00
March 29, 2010	13	2.7	6.0	205	6.6	43.9	63	0.08
March 30, 2010	4	2.0	4.6	238	0.4	32.7	76	0.16
March 31, 2010	2	1.8	4.0	269	-1.0	30.1	65	0.01

Table 4
Warm Springs Site Daily Average Data

Date	PM10 Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
March 1, 2010	3	1.7	3.8	188	0.9	33.5	63
March 2, 2010	2	3.0	6.7	171	4.8	40.7	49
March 3, 2010	5	1.7	3.7	162	4.9	40.9	68
March 4, 2010	4	1.1	2.4	337	1.3	34.4	80
March 5, 2010	5	1.0	2.2	14	0.2	32.3	74
March 6, 2010	7	1.1	2.5	184	1.4	34.5	65
March 7, 2010	5	1.7	3.9	174	2.2	35.9	59
March 8, 2010	6	1.7	3.7	184	2.5	36.5	59
March 9, 2010	3	1.1	2.5	17	-1.1	30.0	83
March 10, 2010	5	1.1	2.6	18	-3.8	25.2	65
March 11, 2010	3	3.2	7.1	184	-1.9	28.6	53
March 12, 2010	3	4.1	9.2	150	4.8	40.7	44
March 13, 2010	2	1.7	3.9	242	2.3	36.2	58
March 14, 2010	3	1.1	2.4	337	1.7	35.1	61
March 15, 2010	6	1.2	2.7	34	2.5	36.5	60
March 16, 2010	3	2.7	6.0	181	7.4	45.4	42
March 17, 2010	14	2.1	4.7	56	7.3	45.1	46
March 18, 2010	8	1.8	3.9	357	1.4	34.6	51
March 19, 2010	3	1.3	3.0	354	-2.4	27.6	63
March 20, 2010	1	3.1	6.9	180	3.3	37.9	40
March 21, 2010	6	3.8	8.4	189	7.4	45.2	43
March 22, 2010	5	1.7	3.7	301	2.1	35.7	69
March 23, 2010	5	1.0	2.3	59	0.3	32.6	63
March 24, 2010	9	1.5	3.4	175	2.2	35.9	52
March 25, 2010	7	2.4	5.3	179	3.9	39.0	58
March 26, 2010	2	2.8	6.3	264	2.5	36.6	57
March 27, 2010	3	2.2	5.0	228	4.4	39.8	49
March 28, 2010	7	4.3	9.6	190	7.9	46.2	36
March 29, 2010	4	3.9	8.8	199	7.8	46.0	60
March 30, 2010	2	1.8	3.9	227	1.1	34.0	72
March 31, 2010	1	1.7	3.8	246	-0.2	31.6	61

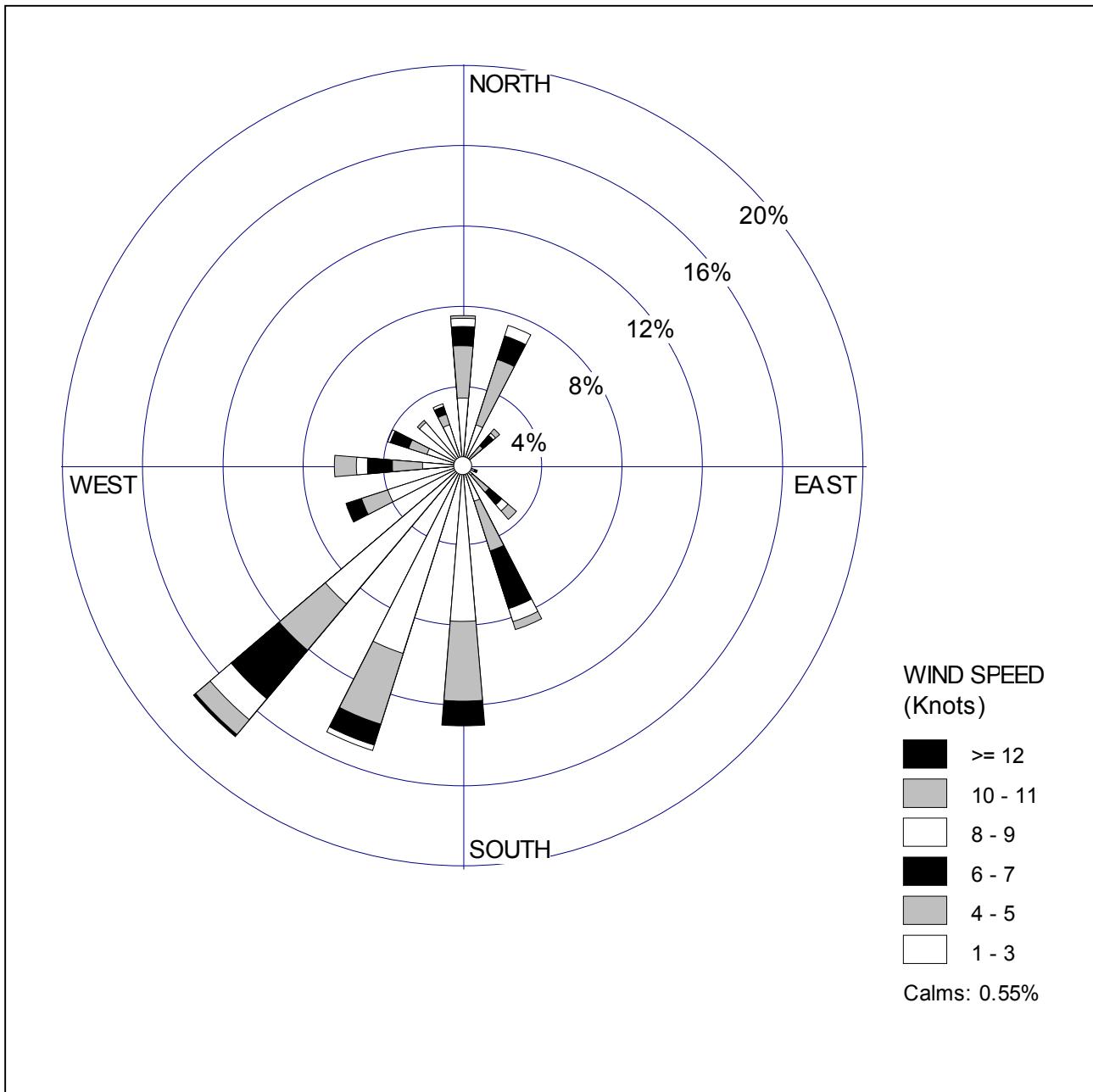


Figure 1. Wind Rose (percent of time blowing from indicated direction) for Opportunity EBAM Site March 2010.

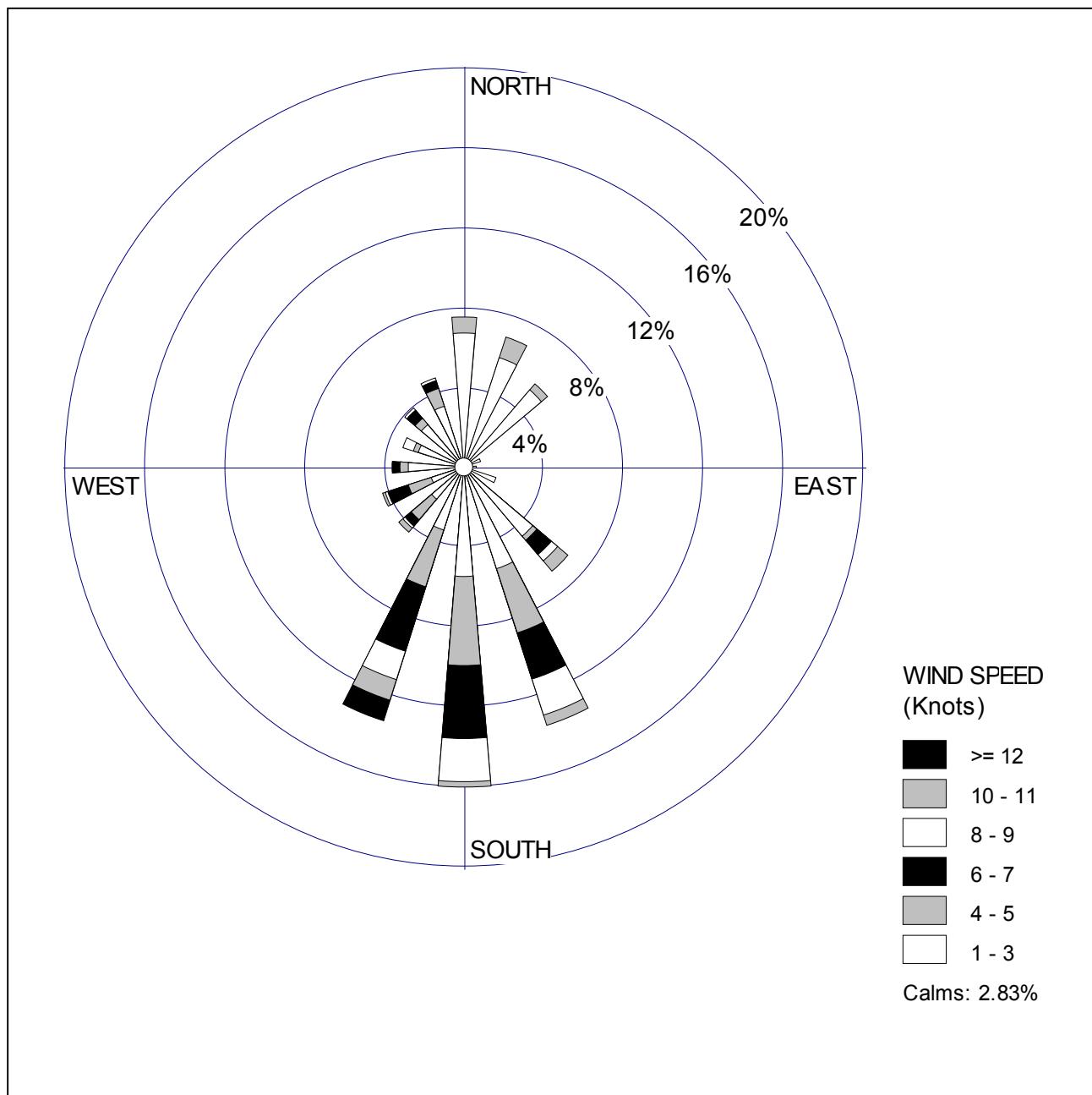


Figure 2. Wind Rose (percent of time blowing from indicated direction) for Warm Springs EBAM Site March 2010.

Table 5
Opportunity Site Hourly Average Data
Met One E-BAM
March 2010

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
3/1/2010 1:00	12	1.3	2.9	175	-4.0	24.8	80	0.00
3/1/2010 2:00	14	1.1	2.5	190	-3.5	25.7	78	0.00
3/1/2010 3:00	-3	1.3	2.9	175	-4.5	23.9	80	0.00
3/1/2010 4:00	5	1.4	3.1	172	-4.8	23.4	79	0.00
3/1/2010 5:00	12	1.3	2.9	180	-4.6	23.7	78	0.00
3/1/2010 6:00	-5	1.1	2.5	193	-5.1	22.8	79	0.00
3/1/2010 7:00	15	1.4	3.1	206	-5.0	23.0	78	0.00
3/1/2010 8:00	4	1.7	3.8	180	-4.8	23.4	74	0.00
3/1/2010 9:00	6	2.5	5.6	169	-2.9	26.8	68	0.00
3/1/2010 10:00	8	3.0	6.7	159	-0.1	31.8	62	0.00
3/1/2010 11:00	8	2.9	6.5	159	2.4	36.3	55	0.00
3/1/2010 12:00	11	2.4	5.4	166	5.4	41.7	47	0.00
3/1/2010 13:00	5	2.3	5.1	173	7.8	46.0	37	0.00
3/1/2010 14:00	4	2.3	5.1	162	9.4	48.9	32	0.00
3/1/2010 15:00	-3	2.0	4.5	181	10.2	50.4	29	0.00
3/1/2010 16:00	10	2.6	5.8	153	10.7	51.3	28	0.00
3/1/2010 17:00	1	3.1	6.9	137	10.3	50.5	29	0.00
3/1/2010 18:00	16	1.9	4.3	27	7.8	46.0	44	0.00
3/1/2010 19:00	12	0.8	1.8	277	2.6	36.7	62	0.00
3/1/2010 20:00	5	0.9	2.0	211	-1.4	29.5	75	0.00
3/1/2010 21:00	21	0.8	1.8	228	-3.1	26.4	77	0.00
3/1/2010 22:00	14	1.0	2.2	227	-3.1	26.4	75	0.00
3/1/2010 23:00	19	1.3	2.9	224	-2.1	28.2	69	0.00
3/2/2010 0:00	12	1.4	3.1	214	-0.8	30.6	67	0.00
3/2/2010 1:00	-4	1.7	3.8	206	-0.9	30.4	68	0.00
3/2/2010 2:00	-2	1.6	3.6	216	-1.0	30.2	68	0.00
3/2/2010 3:00	9	1.9	4.3	211	-1.0	30.2	67	0.00
3/2/2010 4:00	3	1.8	4.0	219	-0.5	31.1	62	0.00
3/2/2010 5:00	-3	1.9	4.3	214	-0.5	31.1	62	0.00
3/2/2010 6:00	3	2.2	4.9	221	-0.9	30.4	63	0.00
3/2/2010 7:00	7	1.7	3.8	216	-0.7	30.7	63	0.00
3/2/2010 8:00	18	1.9	4.3	199	0.2	32.4	59	0.00
3/2/2010 9:00	33	1.8	4.0	202	1.6	34.9	56	0.00
3/2/2010 10:00	26	3.4	7.6	162	4.2	39.6	47	0.00
3/2/2010 11:00	11	3.8	8.5	148	6.8	44.2	36	0.00
3/2/2010 12:00	12	3.0	6.7	181	7.0	44.6	33	0.00
3/2/2010 13:00	7	3.0	6.7	185	9.1	48.4	29	0.00
3/2/2010 14:00	5	2.5	5.6	204	9.3	48.7	28	0.00
3/2/2010 15:00	1	2.8	6.3	209	8.9	48.0	30	0.00
3/2/2010 16:00	14	2.2	4.9	186	9.0	48.2	33	0.00
3/2/2010 17:00	14	2.2	4.9	155	8.8	47.8	37	0.00
3/2/2010 18:00	14	1.9	4.3	149	7.6	45.7	41	0.00
3/2/2010 19:00	6	2.3	5.1	141	5.9	42.6	48	0.00
3/2/2010 20:00	6	2.9	6.5	140	5.6	42.1	51	0.00
3/2/2010 21:00	2	2.8	6.3	144	5.1	41.2	54	0.00
3/2/2010 22:00	12	1.9	4.3	163	4.3	39.7	57	0.00
3/2/2010 23:00	9	1.9	4.3	154	3.9	39.0	58	0.00
3/3/2010 0:00	2	1.9	4.3	187	3.9	39.0	58	0.00
3/3/2010 1:00	10	2.7	6.0	151	4.3	39.7	58	0.00
3/3/2010 2:00	12	1.5	3.4	180	3.9	39.0	64	0.00
3/3/2010 3:00	-5	2.1	4.7	138	2.7	36.9	77	0.00
3/3/2010 4:00	3	1.3	2.9	163	1.6	34.9	86	0.00
3/3/2010 5:00	8	0.8	1.8	193	1.0	33.8	88	0.00
3/3/2010 6:00	-1	0.8	1.8	210	0.9	33.6	88	0.00
3/3/2010 7:00	8	1.0	2.2	221	0.7	33.3	87	0.00
3/3/2010 8:00	2	1.3	2.9	236	0.1	32.2	87	0.00
3/3/2010 9:00	30	0.9	2.0	246	1.0	33.8	85	0.00
3/3/2010 10:00	3	1.6	3.6	222	3.2	37.8	74	0.00
3/3/2010 11:00	0	1.9	4.3	151	5.8	42.4	63	0.00
3/3/2010 12:00	2	1.9	4.3	174	7.9	46.2	51	0.00
3/3/2010 13:00	7	2.7	6.0	144	9.5	49.1	45	0.00
3/3/2010 14:00	4	3.0	6.7	133	10.0	50.0	43	0.00
3/3/2010 15:00	3	3.8	8.5	139	10.2	50.4	44	0.00
3/3/2010 16:00	2	4.3	9.6	146	10.5	50.9	45	0.00
3/3/2010 17:00	4	4.0	8.9	150	9.5	49.1	47	0.00
3/3/2010 18:00	10	3.5	7.8	143	7.2	45.0	57	0.00
3/3/2010 19:00	2	2.6	5.8	153	4.7	40.5	69	0.00
3/3/2010 20:00	-5	1.3	2.9	235	4.2	39.6	70	0.00
3/3/2010 21:00	8	1.6	3.6	245	3.6	38.5	75	0.00
3/3/2010 22:00	9	1.2	2.7	292	2.5	36.5	82	0.00
3/3/2010 23:00	3	0.6	1.3	109	1.3	34.3	86	0.00
3/4/2010 0:00	5	0.8	1.8	220	-0.3	31.5	89	0.00
3/4/2010 1:00	8	1.1	2.5	217	-0.8	30.6	89	0.00
3/4/2010 2:00	11	0.9	2.0	184	-0.2	31.6	87	0.00
3/4/2010 3:00	18	1.0	2.2	183	0.5	32.9	85	0.00
3/4/2010 4:00	-5	1.0	2.2	1	0.2	32.4	87	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
3/4/2010 5:00	18	0.9	2.0	254	-0.3	31.5	89	0.00
3/4/2010 6:00	21	0.5	1.1	103	-0.5	31.1	90	0.00
3/4/2010 7:00	11	0.4	0.9	168	-0.5	31.1	90	0.00
3/4/2010 8:00	-5	0.7	1.6	247	-0.8	30.6	90	0.00
3/4/2010 9:00	10	0.5	1.1	219	-0.4	31.3	87	0.00
3/4/2010 10:00	25	1.1	2.5	225	1.4	34.5	82	0.00
3/4/2010 11:00	8	1.7	3.8	60	3.1	37.6	72	0.00
3/4/2010 12:00	1	3.0	6.7	20	2.5	36.5	76	0.00
3/4/2010 13:00	7	3.2	7.2	15	3.0	37.4	74	0.00
3/4/2010 14:00	-3	2.8	6.3	8	3.7	38.7	71	0.00
3/4/2010 15:00	1	2.9	6.5	8	4.8	40.6	66	0.00
3/4/2010 16:00	7	3.0	6.7	6	5.1	41.2	62	0.00
3/4/2010 17:00	6	3.0	6.7	10	4.8	40.6	62	0.00
3/4/2010 18:00	-2	2.1	4.7	11	4.0	39.2	64	0.00
3/4/2010 19:00	5	0.6	1.3	292	2.5	36.5	71	0.00
3/4/2010 20:00	-5	0.7	1.6	237	1.0	33.8	77	0.00
3/4/2010 21:00	29	0.4	0.9	206	-0.2	31.6	81	0.00
3/4/2010 22:00	3	0.6	1.3	264	-0.9	30.4	83	0.00
3/4/2010 23:00	17	0.7	1.6	258	-1.8	28.8	85	0.00
3/5/2010 0:00	7	0.5	1.1	214	-2.7	27.1	87	0.00
3/5/2010 1:00	45	0.5	1.1	238	-2.8	27.0	87	0.00
3/5/2010 2:00	34	0.6	1.3	228	-4.0	24.8	89	0.00
3/5/2010 3:00	19	0.5	1.1	238	-4.8	23.4	89	0.00
3/5/2010 4:00	30	0.7	1.6	231	-4.8	23.4	88	0.00
3/5/2010 5:00	13	0.5	1.1	230	-4.0	24.8	87	0.00
3/5/2010 6:00	9	0.8	1.8	212	-4.6	23.7	88	0.00
3/5/2010 7:00	23	0.6	1.3	246	-3.7	25.3	87	0.00
3/5/2010 8:00	0	0.5	1.1	145	-2.8	27.0	87	0.00
3/5/2010 9:00	23	0.6	1.3	227	-0.5	31.1	79	0.00
3/5/2010 10:00	5	0.4	0.9	27	1.0	33.8	73	0.00
3/5/2010 11:00	-3	1.2	2.7	354	1.9	35.4	71	0.00
3/5/2010 12:00	1	1.8	4.0	22	3.8	38.8	64	0.00
3/5/2010 13:00	6	2.3	5.1	39	5.4	41.7	58	0.00
3/5/2010 14:00	1	2.5	5.6	22	6.6	43.9	54	0.00
3/5/2010 15:00	4	2.7	6.0	25	7.2	45.0	50	0.00
3/5/2010 16:00	7	2.6	5.8	27	7.4	45.3	48	0.00
3/5/2010 17:00	5	2.3	5.1	357	7.0	44.6	49	0.00
3/5/2010 18:00	7	1.6	3.6	337	5.9	42.6	53	0.00
3/5/2010 19:00	6	0.9	2.0	274	3.1	37.6	59	0.00
3/5/2010 20:00	26	0.6	1.3	198	-0.5	31.1	72	0.00
3/5/2010 21:00	-2	0.9	2.0	207	-1.2	29.8	78	0.00
3/5/2010 22:00	23	0.9	2.0	221	-1.6	29.1	77	0.00
3/5/2010 23:00	3	0.8	1.8	212	-2.7	27.1	81	0.00
3/6/2010 0:00	20	0.9	2.0	221	-2.8	27.0	81	0.00
3/6/2010 1:00	28	0.8	1.8	199	-4.2	24.4	83	0.00
3/6/2010 2:00	0	0.8	1.8	219	-4.7	23.5	84	0.00
3/6/2010 3:00	19	0.9	2.0	190	-4.6	23.7	84	0.00
3/6/2010 4:00	-5	0.9	2.0	221	-5.3	22.5	84	0.00
3/6/2010 5:00	16	0.7	1.6	225	-5.8	21.6	85	0.00
3/6/2010 6:00	14	0.8	1.8	205	-6.4	20.5	85	0.00
3/6/2010 7:00	3	0.9	2.0	239	-6.5	20.3	85	0.00
3/6/2010 8:00	13	0.8	1.8	210	-5.7	21.7	83	0.00
3/6/2010 9:00	4	1.5	3.4	172	-1.4	29.5	72	0.00
3/6/2010 10:00	1	1.6	3.6	178	1.4	34.5	62	0.00
3/6/2010 11:00	-1	1.5	3.4	184	3.7	38.7	54	0.00
3/6/2010 12:00	8	1.6	3.6	185	6.6	43.9	46	0.00
3/6/2010 13:00	3	1.9	4.3	218	8.5	47.3	41	0.00
3/6/2010 14:00	5	2.4	5.4	159	10.2	50.4	33	0.00
3/6/2010 15:00	5	3.2	7.2	133	10.6	51.1	36	0.00
3/6/2010 16:00	11	3.2	7.2	123	10.6	51.1	35	0.00
3/6/2010 17:00	1	2.6	5.8	132	10.3	50.5	35	0.00
3/6/2010 18:00	10	2.2	4.9	97	8.4	47.1	42	0.00
3/6/2010 19:00	10	1.1	2.5	40	5.5	41.9	54	0.00
3/6/2010 20:00	21	0.7	1.6	283	2.4	36.3	64	0.00
3/6/2010 21:00	14	0.9	2.0	223	-0.5	31.1	72	0.00
3/6/2010 22:00	16	1.2	2.7	243	-0.4	31.3	69	0.00
3/6/2010 23:00	4	1.1	2.5	230	-1.3	29.7	71	0.00
3/7/2010 0:00	0	1.1	2.5	236	-2.4	27.7	74	0.00
3/7/2010 1:00	13	1.0	2.2	218	-2.3	27.9	72	0.00
3/7/2010 2:00	13	1.3	2.9	221	-2.1	28.2	72	0.00
3/7/2010 3:00	2	1.2	2.7	205	-1.2	29.8	70	0.00
3/7/2010 4:00	13	0.9	2.0	218	-1.6	29.1	71	0.00
3/7/2010 5:00	15	1.4	3.1	220	-2.1	28.2	73	0.00
3/7/2010 6:00	1	1.4	3.1	199	-2.5	27.5	74	0.00
3/7/2010 7:00	14	1.1	2.5	209	-2.9	26.8	74	0.00
3/7/2010 8:00	11	1.3	2.9	211	-2.9	26.8	74	0.00
3/7/2010 9:00	7	1.7	3.8	185	-1.0	30.2	67	0.00
3/7/2010 10:00	10	2.6	5.8	167	2.2	36.0	58	0.00
3/7/2010 11:00	5	2.6	5.8	157	4.4	39.9	51	0.00
3/7/2010 12:00	3	2.0	4.5	185	6.6	43.9	41	0.00
3/7/2010 13:00	5	2.2	4.9	206	9.1	48.4	30	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
3/7/2010 14:00	11	2.3	5.1	199	10.9	51.6	22	0.00
3/7/2010 15:00	8	2.7	6.0	225	11.5	52.7	20	0.00
3/7/2010 16:00	6	3.2	7.2	270	10.5	50.9	26	0.00
3/7/2010 17:00	6	3.8	8.5	15	9.4	48.9	35	0.00
3/7/2010 18:00	3	3.1	6.9	11	8.1	46.6	37	0.00
3/7/2010 19:00	9	1.3	2.9	278	4.6	40.3	48	0.00
3/7/2010 20:00	20	0.8	1.8	237	0.3	32.5	62	0.00
3/7/2010 21:00	12	1.0	2.2	220	-1.5	29.3	69	0.00
3/7/2010 22:00	13	1.0	2.2	204	-2.3	27.9	70	0.00
3/7/2010 23:00	17	1.1	2.5	195	-2.8	27.0	72	0.00
3/8/2010 0:00	10	1.1	2.5	204	-3.0	26.6	72	0.00
3/8/2010 1:00	4	1.1	2.5	191	-2.1	28.2	66	0.00
3/8/2010 2:00	1	1.0	2.2	174	-3.4	25.9	72	0.00
3/8/2010 3:00	16	1.4	3.1	180	-3.3	26.1	72	0.00
3/8/2010 4:00	9	1.2	2.7	182	-3.5	25.7	73	0.00
3/8/2010 5:00	4	1.4	3.1	172	-3.3	26.1	71	0.00
3/8/2010 6:00	5	1.3	2.9	186	-3.1	26.4	70	0.00
3/8/2010 7:00	7	1.4	3.1	201	-2.6	27.3	70	0.00
3/8/2010 8:00	14	1.7	3.8	188	-2.2	28.0	67	0.00
3/8/2010 9:00	7	2.0	4.5	181	-0.2	31.6	62	0.00
3/8/2010 10:00	3	2.1	4.7	181	3.1	37.6	52	0.00
3/8/2010 11:00	20	2.9	6.5	159	6.1	43.0	45	0.00
3/8/2010 12:00	11	2.7	6.0	208	7.7	45.9	38	0.00
3/8/2010 13:00	7	2.7	6.0	214	9.8	49.6	33	0.00
3/8/2010 14:00	7	2.2	4.9	198	10.2	50.4	27	0.00
3/8/2010 15:00	12	2.4	5.4	166	11.0	51.8	27	0.00
3/8/2010 16:00	10	2.2	4.9	198	10.2	50.4	26	0.00
3/8/2010 17:00	0	2.5	5.6	126	9.3	48.7	34	0.00
3/8/2010 18:00	17	2.4	5.4	55	8.4	47.1	38	0.00
3/8/2010 19:00	0	1.7	3.8	356	4.7	40.5	52	0.00
3/8/2010 20:00	14	1.2	2.7	295	3.1	37.6	59	0.00
3/8/2010 21:00	15	0.8	1.8	211	1.1	34.0	66	0.00
3/8/2010 22:00	24	0.8	1.8	214	-0.1	31.8	70	0.00
3/8/2010 23:00	-5	1.4	3.1	352	0.6	33.1	77	0.00
3/9/2010 0:00	-5	1.8	4.0	284	0.3	32.5	82	0.00
3/9/2010 1:00	9	1.3	2.9	276	0.5	32.9	82	0.00
3/9/2010 2:00	-5	1.3	2.9	300	0.6	33.1	84	0.00
3/9/2010 3:00	8	1.8	4.0	1	0.0	32.0	89	0.00
3/9/2010 4:00	-3	1.6	3.6	16	-0.3	31.5	90	0.01
3/9/2010 5:00	10	2.2	4.9	25	-0.8	30.6	90	0.01
3/9/2010 6:00	12	2.6	5.8	31	-1.3	29.7	90	0.03
3/9/2010 7:00	1	2.9	6.5	22	-1.8	28.8	90	0.00
3/9/2010 8:00	10	2.9	6.5	7	-2.2	28.0	89	0.00
3/9/2010 9:00	13	1.8	4.0	3	-2.2	28.0	88	0.01
3/9/2010 10:00	14	1.8	4.0	9	-1.9	28.6	86	0.00
3/9/2010 11:00	6	1.8	4.0	2	-1.4	29.5	83	0.00
3/9/2010 12:00	11	2.2	4.9	6	-1.2	29.8	80	0.00
3/9/2010 13:00	3	2.1	4.7	0	-0.6	30.9	75	0.00
3/9/2010 14:00	10	2.6	5.8	2	-0.2	31.6	70	0.00
3/9/2010 15:00	13	2.9	6.5	11	-0.3	31.5	73	0.00
3/9/2010 16:00	-5	2.8	6.3	15	-0.6	30.9	78	0.00
3/9/2010 17:00	2	3.3	7.4	7	-1.4	29.5	83	0.00
3/9/2010 18:00	12	2.9	6.5	8	-1.9	28.6	88	0.01
3/9/2010 19:00	4	2.3	5.1	17	-2.4	27.7	89	0.00
3/9/2010 20:00	6	2.1	4.7	31	-2.7	27.1	88	0.01
3/9/2010 21:00	-2	2.1	4.7	24	-3.0	26.6	87	0.00
3/9/2010 22:00	6	1.6	3.6	357	-3.1	26.4	85	0.00
3/9/2010 23:00	-1	1.8	4.0	8	-3.2	26.2	82	0.00
3/10/2010 0:00	7	1.3	2.9	353	-3.5	25.7	80	0.00
3/10/2010 1:00	-5	1.5	3.4	346	-3.7	25.3	78	0.00
3/10/2010 2:00	5	1.9	4.3	21	-3.9	25.0	78	0.00
3/10/2010 3:00	-5	1.2	2.7	327	-4.3	24.3	79	0.00
3/10/2010 4:00	4	1.0	2.2	320	-4.7	23.5	82	0.00
3/10/2010 5:00	2	1.1	2.5	310	-5.0	23.0	82	0.00
3/10/2010 6:00	2	1.1	2.5	293	-5.3	22.5	82	0.00
3/10/2010 7:00	-5	1.2	2.7	311	-5.4	22.3	80	0.00
3/10/2010 8:00	2	1.2	2.7	303	-6.5	20.3	79	0.00
3/10/2010 9:00	7	1.2	2.7	323	-5.9	21.4	73	0.00
3/10/2010 10:00	1	1.4	3.1	4	-4.2	24.4	63	0.00
3/10/2010 11:00	2	1.4	3.1	19	-3.1	26.4	58	0.00
3/10/2010 12:00	1	2.0	4.5	15	-2.4	27.7	57	0.00
3/10/2010 13:00	6	2.2	4.9	4	-1.4	29.5	54	0.00
3/10/2010 14:00	-2	3.3	7.4	9	-0.3	31.5	51	0.00
3/10/2010 15:00	2	3.4	7.6	353	0.3	32.5	50	0.00
3/10/2010 16:00	6	3.6	8.1	346	0.6	33.1	47	0.00
3/10/2010 17:00	2	3.3	7.4	329	0.2	32.4	43	0.00
3/10/2010 18:00	5	3.1	6.9	347	-0.7	30.7	47	0.00
3/10/2010 19:00	1	1.7	3.8	323	-2.7	27.1	56	0.00
3/10/2010 20:00	7	0.7	1.6	26	-4.2	24.4	60	0.00
3/10/2010 21:00	8	0.8	1.8	256	-5.6	21.9	66	0.00
3/10/2010 22:00	5	1.5	3.4	246	-6.8	19.8	64	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
3/10/2010 23:00	-3	1.3	2.9	141	-7.8	18.0	70	0.00
3/11/2010 0:00	7	1.7	3.8	224	-6.1	21.0	60	0.00
3/11/2010 1:00	-2	2.4	5.4	222	-6.5	20.3	59	0.00
3/11/2010 2:00	-5	2.1	4.7	207	-6.9	19.6	61	0.00
3/11/2010 3:00	15	1.8	4.0	198	-7.3	18.9	64	0.00
3/11/2010 4:00	-5	1.5	3.4	178	-9.9	14.2	73	0.00
3/11/2010 5:00	5	1.6	3.6	165	-9.6	14.7	72	0.00
3/11/2010 6:00	0	1.9	4.3	164	-10.5	13.1	73	0.00
3/11/2010 7:00	-3	1.9	4.3	171	-10.2	13.6	72	0.00
3/11/2010 8:00	20	2.1	4.7	168	-9.5	14.9	68	0.00
3/11/2010 9:00	-1	3.3	7.4	165	-6.8	19.8	63	0.00
3/11/2010 10:00	6	3.5	7.8	161	-4.3	24.3	55	0.00
3/11/2010 11:00	5	3.2	7.2	170	-1.8	28.8	49	0.00
3/11/2010 12:00	1	2.8	6.3	215	0.4	32.7	40	0.00
3/11/2010 13:00	0	3.3	7.4	218	1.6	34.9	36	0.00
3/11/2010 14:00	3	3.4	7.6	224	3.2	37.8	34	0.00
3/11/2010 15:00	2	3.5	7.8	223	4.0	39.2	33	0.00
3/11/2010 16:00	7	4.2	9.4	231	3.8	38.8	34	0.00
3/11/2010 17:00	-5	3.9	8.7	229	4.5	40.1	34	0.00
3/11/2010 18:00	6	3.1	6.9	218	4.1	39.4	36	0.00
3/11/2010 19:00	0	2.8	6.3	220	2.7	36.9	42	0.00
3/11/2010 20:00	0	3.3	7.4	224	2.2	36.0	44	0.00
3/11/2010 21:00	6	2.6	5.8	222	1.4	34.5	47	0.00
3/11/2010 22:00	2	2.0	4.5	188	1.6	34.9	46	0.00
3/11/2010 23:00	5	1.8	4.0	169	0.7	33.3	48	0.00
3/12/2010 0:00	0	2.4	5.4	161	0.3	32.5	52	0.00
3/12/2010 1:00	5	2.9	6.5	159	0.1	32.2	53	0.00
3/12/2010 2:00	5	2.9	6.5	170	-0.2	31.6	54	0.00
3/12/2010 3:00	2	3.4	7.6	157	-1.0	30.2	56	0.00
3/12/2010 4:00	-1	3.1	6.9	160	-1.5	29.3	58	0.00
3/12/2010 5:00	16	3.5	7.8	168	-1.4	29.5	59	0.00
3/12/2010 6:00	1	3.9	8.7	153	-1.8	28.8	60	0.00
3/12/2010 7:00	11	3.9	8.7	150	-1.6	29.1	59	0.00
3/12/2010 8:00	18	4.1	9.2	158	-1.2	29.8	58	0.00
3/12/2010 9:00	8	4.0	8.9	160	0.5	32.9	53	0.00
3/12/2010 10:00	15	4.5	10.1	158	3.0	37.4	47	0.00
3/12/2010 11:00	23	4.5	10.1	166	4.7	40.5	42	0.00
3/12/2010 12:00	31	5.6	12.5	146	6.5	43.7	39	0.00
3/12/2010 13:00	22	5.7	12.8	133	8.1	46.6	37	0.00
3/12/2010 14:00	15	5.7	12.8	129	9.1	48.4	35	0.00
3/12/2010 15:00	33	5.4	12.1	158	9.7	49.5	33	0.00
3/12/2010 16:00	30	5.6	12.5	155	7.8	46.0	37	0.00
3/12/2010 17:00	10	5.7	12.8	143	7.6	45.7	37	0.00
3/12/2010 18:00	20	5.5	12.3	150	7.0	44.6	38	0.00
3/12/2010 19:00	-1	4.6	10.3	141	5.8	42.4	42	0.00
3/12/2010 20:00	11	4.0	8.9	142	5.0	41.0	45	0.00
3/12/2010 21:00	9	2.4	5.4	162	3.9	39.0	49	0.00
3/12/2010 22:00	13	1.6	3.6	172	2.9	37.2	52	0.00
3/12/2010 23:00	12	1.3	2.9	170	1.6	34.9	55	0.00
3/13/2010 0:00	-1	1.6	3.6	174	2.7	36.9	46	0.00
3/13/2010 1:00	8	1.0	2.2	187	0.7	33.3	56	0.00
3/13/2010 2:00	7	1.0	2.2	213	-0.1	31.8	58	0.00
3/13/2010 3:00	2	1.4	3.1	203	1.3	34.3	51	0.00
3/13/2010 4:00	7	1.2	2.7	231	1.0	33.8	52	0.00
3/13/2010 5:00	1	1.5	3.4	182	1.5	34.7	51	0.00
3/13/2010 6:00	10	1.3	2.9	192	0.3	32.5	55	0.00
3/13/2010 7:00	-4	1.5	3.4	235	1.1	34.0	53	0.00
3/13/2010 8:00	16	3.6	8.1	284	1.2	34.2	73	0.00
3/13/2010 9:00	5	0.4	0.9	330	-0.3	31.5	89	0.06
3/13/2010 10:00	20	1.2	2.7	22	0.0	32.0	89	0.01
3/13/2010 11:00	6	3.3	7.4	36	0.6	33.1	81	0.00
3/13/2010 12:00	-3	2.8	6.3	26	1.9	35.4	70	0.00
3/13/2010 13:00	6	2.5	5.6	342	2.4	36.3	65	0.00
3/13/2010 14:00	3	3.4	7.6	290	2.4	36.3	60	0.00
3/13/2010 15:00	-1	3.9	8.7	291	2.8	37.0	56	0.00
3/13/2010 16:00	4	3.7	8.3	290	2.6	36.7	57	0.00
3/13/2010 17:00	-1	3.7	8.3	284	2.2	36.0	57	0.00
3/13/2010 18:00	4	2.5	5.6	290	2.0	35.6	57	0.00
3/13/2010 19:00	4	1.9	4.3	324	1.6	34.9	59	0.00
3/13/2010 20:00	-2	1.2	2.7	3	0.9	33.6	64	0.00
3/13/2010 21:00	0	1.2	2.7	325	0.8	33.4	62	0.00
3/13/2010 22:00	-5	1.6	3.6	308	0.3	32.5	67	0.00
3/13/2010 23:00	3	1.2	2.7	349	-0.2	31.6	70	0.00
3/14/2010 0:00	-4	1.5	3.4	14	-0.5	31.1	72	0.00
3/14/2010 1:00	14	1.8	4.0	15	-0.5	31.1	69	0.00
3/14/2010 2:00	-5	1.5	3.4	11	-1.0	30.2	71	0.00
3/14/2010 3:00	9	1.2	2.7	337	-2.2	28.0	76	0.00
3/14/2010 4:00	-5	1.3	2.9	347	-2.0	28.4	74	0.00
3/14/2010 5:00	3	1.6	3.6	356	-2.1	28.2	74	0.00
3/14/2010 6:00	4	1.0	2.2	323	-2.3	27.9	74	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
3/14/2010 7:00	-3	1.4	3.1	337	-2.8	27.0	75	0.00
3/14/2010 8:00	8	1.1	2.5	332	-2.8	27.0	76	0.00
3/14/2010 9:00	-2	1.3	2.9	334	-1.2	29.8	68	0.00
3/14/2010 10:00	2	1.1	2.5	6	0.2	32.4	59	0.00
3/14/2010 11:00	7	1.2	2.7	29	1.6	34.9	55	0.00
3/14/2010 12:00	2	1.3	2.9	95	3.2	37.8	50	0.00
3/14/2010 13:00	4	1.8	4.0	137	5.1	41.2	45	0.00
3/14/2010 14:00	3	1.9	4.3	86	6.8	44.2	43	0.00
3/14/2010 15:00	-5	1.7	3.8	300	7.7	45.9	39	0.00
3/14/2010 16:00	16	1.5	3.4	192	9.1	48.4	33	0.00
3/14/2010 17:00	3	1.3	2.9	119	9.5	49.1	33	0.00
3/14/2010 18:00	BA	1.1	2.5	153	9.3	48.7	35	0.00
3/14/2010 19:00	9	0.5	1.1	238	5.4	41.7	50	0.00
3/14/2010 20:00	0	0.8	1.8	229	1.6	34.9	64	0.00
3/14/2010 21:00	10	1.1	2.5	254	-0.5	31.1	70	0.00
3/14/2010 22:00	10	1.1	2.5	213	-1.5	29.3	74	0.00
3/14/2010 23:00	-1	1.1	2.5	229	-1.5	29.3	73	0.00
3/15/2010 0:00	5	1.2	2.7	203	-0.6	30.9	71	0.00
3/15/2010 1:00	0	1.3	2.9	216	-1.2	29.8	72	0.00
3/15/2010 2:00	8	1.3	2.9	217	-1.1	30.0	71	0.00
3/15/2010 3:00	5	1.2	2.7	210	-1.9	28.6	73	0.00
3/15/2010 4:00	-2	1.3	2.9	214	-2.3	27.9	74	0.00
3/15/2010 5:00	1	1.2	2.7	208	-2.5	27.5	74	0.00
3/15/2010 6:00	-3	1.2	2.7	210	-2.7	27.1	75	0.00
3/15/2010 7:00	8	1.2	2.7	208	-3.3	26.1	76	0.00
3/15/2010 8:00	-3	1.4	3.1	202	-2.6	27.3	72	0.00
3/15/2010 9:00	32	2.9	6.5	160	0.3	32.5	64	0.00
3/15/2010 10:00	12	3.4	7.6	144	3.2	37.8	55	0.00
3/15/2010 11:00	27	2.4	5.4	125	6.1	43.0	47	0.00
3/15/2010 12:00	2	2.6	5.8	38	6.5	43.7	49	0.00
3/15/2010 13:00	11	1.7	3.8	28	8.9	48.0	40	0.00
3/15/2010 14:00	11	2.4	5.4	25	10.6	51.1	36	0.00
3/15/2010 15:00	7	2.8	6.3	27	11.6	52.9	32	0.00
3/15/2010 16:00	5	2.2	4.9	31	12.0	53.6	29	0.00
3/15/2010 17:00	13	1.7	3.8	36	12.0	53.6	27	0.00
3/15/2010 18:00	4	1.7	3.8	6	10.7	51.3	31	0.00
3/15/2010 19:00	12	0.8	1.8	286	7.5	45.5	41	0.00
3/15/2010 20:00	31	0.8	1.8	202	2.3	36.1	59	0.00
3/15/2010 21:00	18	1.1	2.5	242	-0.2	31.6	66	0.00
3/15/2010 22:00	12	1.1	2.5	231	-0.8	30.6	65	0.00
3/15/2010 23:00	22	0.8	1.8	212	-2.6	27.3	73	0.00
3/16/2010 0:00	7	1.3	2.9	221	-1.5	29.3	67	0.00
3/16/2010 1:00	4	1.2	2.7	220	0.2	32.4	64	0.00
3/16/2010 2:00	4	1.5	3.4	212	0.5	32.9	64	0.00
3/16/2010 3:00	6	1.6	3.6	218	0.8	33.4	61	0.00
3/16/2010 4:00	5	1.7	3.8	219	0.7	33.3	60	0.00
3/16/2010 5:00	1	1.6	3.6	227	0.8	33.4	58	0.00
3/16/2010 6:00	2	1.5	3.4	199	0.2	32.4	61	0.00
3/16/2010 7:00	5	1.4	3.1	217	-0.3	31.5	61	0.00
3/16/2010 8:00	0	1.5	3.4	211	0.1	32.2	60	0.00
3/16/2010 9:00	3	1.6	3.6	190	3.0	37.4	53	0.00
3/16/2010 10:00	26	2.1	4.7	169	7.3	45.1	39	0.00
3/16/2010 11:00	20	2.3	5.1	176	10.7	51.3	29	0.00
3/16/2010 12:00	12	3.7	8.3	149	12.9	55.2	23	0.00
3/16/2010 13:00	7	3.0	6.7	192	14.3	57.7	16	0.00
3/16/2010 14:00	12	2.9	6.5	194	15.1	59.2	12	0.00
3/16/2010 15:00	28	4.0	8.9	212	14.9	58.8	12	0.00
3/16/2010 16:00	13	5.8	13.0	236	14.4	57.9	14	0.00
3/16/2010 17:00	6	5.2	11.6	232	14.5	58.1	16	0.00
3/16/2010 18:00	1	4.1	9.2	231	13.6	56.5	20	0.00
3/16/2010 19:00	13	2.7	6.0	221	11.8	53.2	24	0.00
3/16/2010 20:00	-1	1.9	4.3	210	9.8	49.6	28	0.00
3/16/2010 21:00	6	2.6	5.8	215	10.3	50.5	27	0.00
3/16/2010 22:00	6	2.4	5.4	183	8.7	47.7	37	0.00
3/16/2010 23:00	10	1.6	3.6	192	6.5	43.7	49	0.00
3/17/2010 0:00	1	2.0	4.5	188	6.9	44.4	44	0.00
3/17/2010 1:00	0	3.3	7.4	212	7.6	45.7	39	0.00
3/17/2010 2:00	2	3.9	8.7	218	7.2	45.0	40	0.00
3/17/2010 3:00	7	3.6	8.1	218	6.8	44.2	42	0.00
3/17/2010 4:00	7	3.2	7.2	213	6.3	43.3	44	0.00
3/17/2010 5:00	1	2.4	5.4	203	6.2	43.2	45	0.00
3/17/2010 6:00	0	2.0	4.5	178	4.0	39.2	53	0.00
3/17/2010 7:00	11	1.4	3.1	167	2.6	36.7	58	0.00
3/17/2010 8:00	4	1.5	3.4	139	3.3	37.9	56	0.00
3/17/2010 9:00	9	2.6	5.8	21	6.0	42.8	53	0.00
3/17/2010 10:00	14	4.2	9.4	11	6.9	44.4	56	0.00
3/17/2010 11:00	15	3.5	7.8	12	8.3	46.9	52	0.00
3/17/2010 12:00	18	3.3	7.4	18	9.4	48.9	48	0.00
3/17/2010 13:00	15	3.7	8.3	23	10.6	51.1	45	0.00
3/17/2010 14:00	16	4.0	8.9	30	11.2	52.2	43	0.00
3/17/2010 15:00	22	4.3	9.6	34	11.6	52.9	39	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
3/17/2010 16:00	28	5.5	12.3	35	11.0	51.8	37	0.00
3/17/2010 17:00	25	5.7	12.8	34	9.6	49.3	38	0.00
3/17/2010 18:00	29	4.9	11.0	33	8.1	46.6	40	0.00
3/17/2010 19:00	9	3.6	8.1	37	6.0	42.8	45	0.00
3/17/2010 20:00	7	3.4	7.6	39	4.6	40.3	48	0.00
3/17/2010 21:00	10	2.3	5.1	342	3.0	37.4	51	0.00
3/17/2010 22:00	2	1.8	4.0	319	1.7	35.1	53	0.00
3/17/2010 23:00	10	1.9	4.3	1	2.1	35.8	50	0.00
3/18/2010 0:00	2	2.5	5.6	18	1.2	34.2	51	0.00
3/18/2010 1:00	11	2.2	4.9	359	0.3	32.5	54	0.00
3/18/2010 2:00	6	1.8	4.0	343	-0.4	31.3	56	0.00
3/18/2010 3:00	12	1.9	4.3	324	-1.1	30.0	58	0.00
3/18/2010 4:00	3	1.9	4.3	17	-0.9	30.4	59	0.00
3/18/2010 5:00	3	2.3	5.1	13	-1.6	29.1	60	0.00
3/18/2010 6:00	5	2.1	4.7	350	-2.5	27.5	62	0.00
3/18/2010 7:00	12	1.5	3.4	354	-3.6	25.5	65	0.00
3/18/2010 8:00	0	1.1	2.5	118	-2.7	27.1	61	0.00
3/18/2010 9:00	15	2.1	4.7	30	0.3	32.5	47	0.00
3/18/2010 10:00	14	1.9	4.3	39	1.2	34.2	45	0.00
3/18/2010 11:00	2	1.6	3.6	32	2.3	36.1	42	0.00
3/18/2010 12:00	3	2.3	5.1	49	3.2	37.8	41	0.00
3/18/2010 13:00	11	2.4	5.4	56	4.1	39.4	39	0.00
3/18/2010 14:00	11	2.3	5.1	56	5.2	41.4	34	0.00
3/18/2010 15:00	9	3.0	6.7	32	5.6	42.1	34	0.00
3/18/2010 16:00	12	3.2	7.2	42	5.8	42.4	31	0.00
3/18/2010 17:00	3	4.2	9.4	27	4.7	40.5	33	0.00
3/18/2010 18:00	0	2.4	5.4	65	3.9	39.0	34	0.00
3/18/2010 19:00	5	3.0	6.7	28	3.5	38.3	32	0.00
3/18/2010 20:00	27	4.3	9.6	10	2.3	36.1	44	0.00
3/18/2010 21:00	28	4.4	9.8	349	-0.4	31.3	70	0.00
3/18/2010 22:00	AO	2.9	6.5	339	-2.2	28.0	86	0.01
3/18/2010 23:00	34	5.3	11.9	352	-3.2	26.2	88	0.00
3/19/2010 0:00	-5	4.2	9.4	344	-3.5	25.7	87	0.00
3/19/2010 1:00	AN	AN	AN	AN	AN	AN	AN	0.00
3/19/2010 2:00	1	1.4	3.1	325	-5.0	23.0	85	0.00
3/19/2010 3:00	16	0.8	1.8	224	-6.1	21.0	85	0.00
3/19/2010 4:00	3	0.6	1.3	323	-5.1	22.8	84	0.00
3/19/2010 5:00	-5	0.8	1.8	13	-4.9	23.2	83	0.00
3/19/2010 6:00	14	1.1	2.5	350	-4.8	23.4	82	0.00
3/19/2010 7:00	-5	2.0	4.5	350	-4.9	23.2	80	0.00
3/19/2010 8:00	15	1.1	2.5	328	-4.3	24.3	71	0.00
3/19/2010 9:00	0	1.3	2.9	342	-3.3	26.1	59	0.00
3/19/2010 10:00	-2	1.7	3.8	359	-2.4	27.7	52	0.00
3/19/2010 11:00	6	1.6	3.6	23	-1.8	28.8	50	0.00
3/19/2010 12:00	1	1.4	3.1	1	-1.0	30.2	48	0.00
3/19/2010 13:00	6	1.9	4.3	9	-0.3	31.5	50	0.00
3/19/2010 14:00	-1	2.0	4.5	26	1.0	33.8	46	0.00
3/19/2010 15:00	7	2.3	5.1	6	2.3	36.1	44	0.00
3/19/2010 16:00	-2	3.4	7.6	7	2.7	36.9	38	0.00
3/19/2010 17:00	-1	2.6	5.8	15	2.9	37.2	32	0.00
3/19/2010 18:00	-2	2.1	4.7	15	2.5	36.5	31	0.00
3/19/2010 19:00	3	1.1	2.5	322	0.5	32.9	40	0.00
3/19/2010 20:00	9	1.0	2.2	245	-2.2	28.0	54	0.00
3/19/2010 21:00	14	0.8	1.8	157	-4.7	23.5	67	0.00
3/19/2010 22:00	4	0.9	2.0	191	-4.9	23.2	68	0.00
3/19/2010 23:00	8	0.9	2.0	194	-6.3	20.7	71	0.00
3/20/2010 0:00	7	1.0	2.2	207	-6.6	20.1	71	0.00
3/20/2010 1:00	-1	1.3	2.9	195	-6.0	21.2	70	0.00
3/20/2010 2:00	6	1.3	2.9	198	-6.1	21.0	70	0.00
3/20/2010 3:00	3	1.2	2.7	210	-6.5	20.3	71	0.00
3/20/2010 4:00	1	1.6	3.6	190	-5.9	21.4	69	0.00
3/20/2010 5:00	9	1.7	3.8	196	-5.7	21.7	68	0.00
3/20/2010 6:00	-3	1.7	3.8	189	-6.0	21.2	68	0.00
3/20/2010 7:00	-4	2.0	4.5	189	-6.1	21.0	68	0.00
3/20/2010 8:00	9	2.4	5.4	183	-4.8	23.4	63	0.00
3/20/2010 9:00	1	2.3	5.1	179	-1.5	29.3	55	0.00
3/20/2010 10:00	5	2.5	5.6	174	2.0	35.6	40	0.00
3/20/2010 11:00	10	2.6	5.8	195	4.4	39.9	29	0.00
3/20/2010 12:00	6	3.5	7.8	221	5.9	42.6	23	0.00
3/20/2010 13:00	8	3.0	6.7	214	8.0	46.4	19	0.00
3/20/2010 14:00	5	3.0	6.7	220	9.3	48.7	18	0.00
3/20/2010 15:00	9	3.3	7.4	219	10.1	50.2	16	0.00
3/20/2010 16:00	5	3.6	8.1	226	10.0	50.0	17	0.00
3/20/2010 17:00	4	3.8	8.5	225	10.1	50.2	18	0.00
3/20/2010 18:00	13	3.6	8.1	227	10.0	50.0	20	0.00
3/20/2010 19:00	7	2.9	6.5	221	8.1	46.6	23	0.00
3/20/2010 20:00	8	1.8	4.0	185	6.0	42.8	28	0.00
3/20/2010 21:00	16	1.7	3.8	175	4.8	40.6	32	0.00
3/20/2010 22:00	10	1.9	4.3	174	5.4	41.7	30	0.00
3/20/2010 23:00	10	1.7	3.8	192	4.6	40.3	34	0.00
3/21/2010 0:00	0	2.1	4.7	178	3.3	37.9	42	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
3/21/2010 1:00	7	2.6	5.8	173	3.7	38.7	38	0.00
3/21/2010 2:00	9	1.8	4.0	183	2.9	37.2	41	0.00
3/21/2010 3:00	8	1.7	3.8	191	1.9	35.4	46	0.00
3/21/2010 4:00	0	2.1	4.7	166	1.3	34.3	47	0.00
3/21/2010 5:00	9	1.5	3.4	181	0.9	33.6	48	0.00
3/21/2010 6:00	5	1.7	3.8	186	0.7	33.3	49	0.00
3/21/2010 7:00	-1	2.2	4.9	184	2.4	36.3	42	0.00
3/21/2010 8:00	9	2.0	4.5	208	4.1	39.4	36	0.00
3/21/2010 9:00	9	2.5	5.6	209	5.8	42.4	32	0.00
3/21/2010 10:00	10	2.5	5.6	202	7.5	45.5	27	0.00
3/21/2010 11:00	23	4.1	9.2	218	10.0	50.0	23	0.00
3/21/2010 12:00	27	5.4	12.1	230	11.6	52.9	22	0.00
3/21/2010 13:00	25	5.5	12.3	230	12.3	54.1	22	0.00
3/21/2010 14:00	43	5.5	12.3	231	13.3	55.9	22	0.00
3/21/2010 15:00	33	5.8	13.0	231	13.6	56.5	22	0.00
3/21/2010 16:00	36	5.1	11.4	229	12.7	54.9	24	0.00
3/21/2010 17:00	39	3.8	8.5	218	11.4	52.5	31	0.00
3/21/2010 18:00	34	4.2	9.4	223	9.6	49.3	40	0.00
3/21/2010 19:00	16	2.8	6.3	221	5.8	42.4	66	0.00
3/21/2010 20:00	-5	3.5	7.8	243	5.0	41.0	69	0.00
3/21/2010 21:00	8	3.1	6.9	251	4.7	40.5	69	0.00
3/21/2010 22:00	-4	2.7	6.0	346	2.3	36.1	81	0.00
3/21/2010 23:00	21	1.8	4.0	340	1.6	34.9	85	0.00
3/22/2010 0:00	0	1.0	2.2	180	0.5	32.9	87	0.00
3/22/2010 1:00	4	1.6	3.6	228	1.6	34.9	82	0.00
3/22/2010 2:00	-5	1.5	3.4	322	1.0	33.8	86	0.00
3/22/2010 3:00	15	1.9	4.3	286	1.1	34.0	85	0.00
3/22/2010 4:00	-5	2.2	4.9	291	1.5	34.7	78	0.00
3/22/2010 5:00	0	1.5	3.4	276	1.2	34.2	79	0.00
3/22/2010 6:00	4	1.0	2.2	308	0.9	33.6	79	0.00
3/22/2010 7:00	11	1.1	2.5	247	-0.2	31.6	75	0.00
3/22/2010 8:00	-4	1.3	2.9	276	0.9	33.6	68	0.00
3/22/2010 9:00	4	2.6	5.8	270	2.9	37.2	60	0.00
3/22/2010 10:00	1	2.8	6.3	248	3.0	37.4	60	0.00
3/22/2010 11:00	15	4.0	8.9	267	4.0	39.2	56	0.00
3/22/2010 12:00	-5	5.1	11.4	268	4.6	40.3	49	0.00
3/22/2010 13:00	14	4.9	11.0	276	5.6	42.1	43	0.00
3/22/2010 14:00	8	5.3	11.9	268	5.9	42.6	43	0.00
3/22/2010 15:00	17	5.6	12.5	276	5.6	42.1	41	0.00
3/22/2010 16:00	12	5.1	11.4	274	6.1	43.0	37	0.00
3/22/2010 17:00	6	4.4	9.8	281	5.8	42.4	36	0.00
3/22/2010 18:00	7	3.6	8.1	287	4.8	40.6	41	0.00
3/22/2010 19:00	5	2.8	6.3	279	2.8	37.0	51	0.00
3/22/2010 20:00	6	1.7	3.8	298	1.4	34.5	57	0.00
3/22/2010 21:00	5	2.7	6.0	279	1.2	34.2	65	0.00
3/22/2010 22:00	8	1.0	2.2	332	0.5	32.9	69	0.00
3/22/2010 23:00	1	1.2	2.7	326	0.1	32.2	68	0.00
3/23/2010 0:00	-5	1.9	4.3	274	-0.3	31.5	69	0.00
3/23/2010 1:00	-5	1.4	3.1	273	-1.2	29.8	68	0.00
3/23/2010 2:00	15	0.8	1.8	274	-2.8	27.0	73	0.00
3/23/2010 3:00	-5	1.6	3.6	255	-2.2	28.0	69	0.00
3/23/2010 4:00	1	1.2	2.7	201	-3.1	26.4	72	0.00
3/23/2010 5:00	10	0.8	1.8	141	-4.8	23.4	77	0.00
3/23/2010 6:00	3	0.9	2.0	164	-5.1	22.8	80	0.00
3/23/2010 7:00	6	1.0	2.2	189	-4.6	23.7	78	0.00
3/23/2010 8:00	10	1.2	2.7	150	-2.9	26.8	72	0.00
3/23/2010 9:00	-1	1.0	2.2	111	0.2	32.4	63	0.00
3/23/2010 10:00	3	1.2	2.7	24	1.8	35.2	59	0.00
3/23/2010 11:00	-4	2.0	4.5	2	3.2	37.8	51	0.00
3/23/2010 12:00	8	2.1	4.7	25	2.9	37.2	59	0.00
3/23/2010 13:00	-2	2.5	5.6	13	4.0	39.2	51	0.00
3/23/2010 14:00	10	2.6	5.8	5	5.7	42.3	42	0.00
3/23/2010 15:00	14	3.4	7.6	42	5.8	42.4	41	0.00
3/23/2010 16:00	3	2.7	6.0	37	6.3	43.3	38	0.00
3/23/2010 17:00	4	2.4	5.4	360	6.4	43.5	36	0.00
3/23/2010 18:00	-2	2.3	5.1	308	5.8	42.4	37	0.00
3/23/2010 19:00	3	1.6	3.6	301	4.0	39.2	41	0.00
3/23/2010 20:00	8	1.3	2.9	332	1.6	34.9	51	0.00
3/23/2010 21:00	9	0.9	2.0	258	-1.1	30.0	61	0.00
3/23/2010 22:00	13	0.9	2.0	180	-3.6	25.5	69	0.00
3/23/2010 23:00	14	0.8	1.8	206	-4.7	23.5	73	0.00
3/24/2010 0:00	17	0.8	1.8	205	-4.1	24.6	72	0.00
3/24/2010 1:00	15	0.8	1.8	195	-4.6	23.7	73	0.00
3/24/2010 2:00	-2	0.7	1.6	204	-6.8	19.8	79	0.00
3/24/2010 3:00	8	0.9	2.0	228	-6.3	20.7	77	0.00
3/24/2010 4:00	8	1.3	2.9	217	-4.9	23.2	74	0.00
3/24/2010 5:00	4	1.4	3.1	219	-5.0	23.0	73	0.00
3/24/2010 6:00	-1	1.3	2.9	209	-5.0	23.0	72	0.00
3/24/2010 7:00	17	1.8	4.0	191	-4.7	23.5	70	0.00
3/24/2010 8:00	10	1.9	4.3	188	-3.7	25.3	66	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
3/24/2010 9:00	6	2.1	4.7	175	-0.9	30.4	58	0.00
3/24/2010 10:00	21	2.8	6.3	160	2.4	36.3	49	0.00
3/24/2010 11:00	17	1.8	4.0	170	5.4	41.7	38	0.00
3/24/2010 12:00	13	2.9	6.5	213	7.2	45.0	29	0.00
3/24/2010 13:00	13	3.0	6.7	220	8.5	47.3	23	0.00
3/24/2010 14:00	11	1.8	4.0	212	9.8	49.6	18	0.00
3/24/2010 15:00	22	1.5	3.4	265	11.1	52.0	16	0.00
3/24/2010 16:00	34	1.6	3.6	334	11.6	52.9	16	0.00
3/24/2010 17:00	16	2.2	4.9	20	10.8	51.4	18	0.00
3/24/2010 18:00	26	3.3	7.4	26	9.0	48.2	26	0.00
3/24/2010 19:00	26	1.7	3.8	353	6.9	44.4	34	0.00
3/24/2010 20:00	23	1.0	2.2	255	3.4	38.1	45	0.00
3/24/2010 21:00	36	1.0	2.2	173	0.0	32.0	55	0.00
3/24/2010 22:00	57	1.0	2.2	206	-0.3	31.5	56	0.00
3/24/2010 23:00	20	1.2	2.7	230	-1.2	29.8	57	0.00
3/25/2010 0:00	25	1.3	2.9	212	-1.6	29.1	61	0.00
3/25/2010 1:00	13	1.0	2.2	227	-0.9	30.4	60	0.00
3/25/2010 2:00	12	1.0	2.2	205	0.2	32.4	56	0.00
3/25/2010 3:00	6	1.3	2.9	206	0.1	32.2	57	0.00
3/25/2010 4:00	8	1.7	3.8	203	0.0	32.0	58	0.00
3/25/2010 5:00	9	1.4	3.1	210	0.1	32.2	58	0.00
3/25/2010 6:00	8	2.0	4.5	177	0.1	32.2	56	0.00
3/25/2010 7:00	11	2.0	4.5	185	-0.2	31.6	57	0.00
3/25/2010 8:00	9	3.7	8.3	149	1.8	35.2	50	0.00
3/25/2010 9:00	44	3.8	8.5	147	5.0	41.0	41	0.00
3/25/2010 10:00	19	2.2	4.9	188	7.2	45.0	30	0.00
3/25/2010 11:00	10	3.4	7.6	150	8.1	46.6	28	0.00
3/25/2010 12:00	8	3.4	7.6	156	9.5	49.1	25	0.00
3/25/2010 13:00	66	3.5	7.8	210	9.7	49.5	26	0.00
3/25/2010 14:00	314	3.9	8.7	224	8.7	47.7	39	0.00
3/25/2010 15:00	27	3.1	6.9	247	8.2	46.8	42	0.00
3/25/2010 16:00	27	2.3	5.1	253	7.7	45.9	44	0.00
3/25/2010 17:00	31	2.4	5.4	230	6.4	43.5	51	0.00
3/25/2010 18:00	10	4.4	9.8	231	4.3	39.7	62	0.00
3/25/2010 19:00	10	3.9	8.7	245	3.3	37.9	69	0.00
3/25/2010 20:00	-5	3.4	7.6	244	2.8	37.0	72	0.00
3/25/2010 21:00	21	1.4	3.1	298	1.2	34.2	86	0.00
3/25/2010 22:00	-5	0.9	2.0	313	0.4	32.7	90	0.00
3/25/2010 23:00	16	1.1	2.5	307	0.5	32.9	88	0.00
3/26/2010 0:00	5	1.4	3.1	313	0.3	32.5	85	0.00
3/26/2010 1:00	-5	2.4	5.4	278	1.0	33.8	69	0.00
3/26/2010 2:00	-1	1.8	4.0	261	0.5	32.9	68	0.00
3/26/2010 3:00	11	1.2	2.7	245	0.0	32.0	66	0.00
3/26/2010 4:00	9	0.8	1.8	180	-2.5	27.5	74	0.00
3/26/2010 5:00	-5	0.9	2.0	225	-2.6	27.3	71	0.00
3/26/2010 6:00	9	0.8	1.8	199	-2.0	28.4	70	0.00
3/26/2010 7:00	7	1.1	2.5	204	-0.4	31.3	64	0.00
3/26/2010 8:00	-5	2.1	4.7	243	0.4	32.7	60	0.00
3/26/2010 9:00	0	2.5	5.6	258	2.3	36.1	51	0.00
3/26/2010 10:00	0	3.3	7.4	278	2.7	36.9	49	0.00
3/26/2010 11:00	20	3.6	8.1	281	3.6	38.5	49	0.00
3/26/2010 12:00	2	3.5	7.8	261	4.4	39.9	49	0.00
3/26/2010 13:00	29	5.5	12.3	270	3.3	37.9	57	0.00
3/26/2010 14:00	11	5.8	13.0	266	4.5	40.1	46	0.00
3/26/2010 15:00	8	5.0	11.2	271	5.1	41.2	43	0.00
3/26/2010 16:00	31	4.0	8.9	294	4.8	40.6	44	0.00
3/26/2010 17:00	26	5.3	11.9	263	4.0	39.2	50	0.00
3/26/2010 18:00	-3	3.9	8.7	285	4.2	39.6	44	0.00
3/26/2010 19:00	1	3.6	8.1	281	2.7	36.9	47	0.00
3/26/2010 20:00	1	3.7	8.3	276	1.4	34.5	54	0.00
3/26/2010 21:00	0	3.7	8.3	267	1.0	33.8	58	0.00
3/26/2010 22:00	6	3.3	7.4	276	0.8	33.4	55	0.00
3/26/2010 23:00	-1	2.8	6.3	277	0.3	32.5	55	0.00
3/27/2010 0:00	-1	2.8	6.3	266	-0.3	31.5	56	0.00
3/27/2010 1:00	3	2.4	5.4	258	-1.4	29.5	60	0.00
3/27/2010 2:00	3	2.4	5.4	261	-0.6	30.9	59	0.00
3/27/2010 3:00	2	2.1	4.7	261	-0.1	31.8	58	0.00
3/27/2010 4:00	-5	2.3	5.1	242	0.0	32.0	59	0.00
3/27/2010 5:00	0	2.8	6.3	240	0.4	32.7	56	0.00
3/27/2010 6:00	-1	2.4	5.4	239	0.4	32.7	56	0.00
3/27/2010 7:00	6	2.3	5.1	268	1.1	34.0	56	0.00
3/27/2010 8:00	-3	2.2	4.9	241	1.0	33.8	55	0.00
3/27/2010 9:00	-1	3.2	7.2	229	2.3	36.1	49	0.00
3/27/2010 10:00	10	2.9	6.5	230	4.0	39.2	42	0.00
3/27/2010 11:00	2	2.6	5.8	231	5.4	41.7	38	0.00
3/27/2010 12:00	4	2.5	5.6	208	6.6	43.9	35	0.00
3/27/2010 13:00	28	2.5	5.6	238	7.7	45.9	33	0.00
3/27/2010 14:00	13	2.7	6.0	235	8.8	47.8	31	0.00
3/27/2010 15:00	5	2.6	5.8	218	10.0	50.0	28	0.00
3/27/2010 16:00	8	2.7	6.0	211	10.7	51.3	27	0.00
3/27/2010 17:00	9	2.7	6.0	213	10.9	51.6	26	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
3/27/2010 18:00	8	3.1	6.9	222	9.9	49.8	28	0.00
3/27/2010 19:00	6	2.5	5.6	231	7.9	46.2	33	0.00
3/27/2010 20:00	10	1.2	2.7	280	6.0	42.8	41	0.00
3/27/2010 21:00	12	1.2	2.7	229	2.8	37.0	48	0.00
3/27/2010 22:00	4	0.9	2.0	256	0.4	32.7	53	0.00
3/27/2010 23:00	6	1.3	2.9	233	0.4	32.7	53	0.00
3/28/2010 0:00	9	0.9	2.0	239	-0.9	30.4	56	0.00
3/28/2010 1:00	0	1.6	3.6	205	0.2	32.4	54	0.00
3/28/2010 2:00	1	3.1	6.9	159	0.5	32.9	52	0.00
3/28/2010 3:00	9	3.0	6.7	162	1.1	34.0	49	0.00
3/28/2010 4:00	8	3.0	6.7	167	1.3	34.3	48	0.00
3/28/2010 5:00	16	3.5	7.8	158	1.5	34.7	46	0.00
3/28/2010 6:00	6	3.2	7.2	157	1.4	34.5	46	0.00
3/28/2010 7:00	4	3.7	8.3	155	1.0	33.8	47	0.00
3/28/2010 8:00	5	3.8	8.5	152	2.5	36.5	42	0.00
3/28/2010 9:00	25	3.6	8.1	172	6.6	43.9	28	0.00
3/28/2010 10:00	29	3.1	6.9	194	6.5	43.7	25	0.00
3/28/2010 11:00	22	3.3	7.4	191	7.1	44.8	24	0.00
3/28/2010 12:00	71	4.0	8.9	203	10.5	50.9	15	0.00
3/28/2010 13:00	70	4.5	10.1	217	11.9	53.4	12	0.00
3/28/2010 14:00	39	4.8	10.7	225	10.9	51.6	16	0.00
3/28/2010 15:00	BA	BA	BA	BA	12.8	55.0	15	0.00
3/28/2010 16:00	38	4.6	10.3	225	12.8	55.0	17	0.00
3/28/2010 17:00	110	6.4	14.3	227	12.1	53.8	24	0.00
3/28/2010 18:00	30	3.7	8.3	222	11.0	51.8	30	0.00
3/28/2010 19:00	19	2.1	4.7	205	10.2	50.4	34	0.00
3/28/2010 20:00	16	2.1	4.7	195	9.0	48.2	41	0.00
3/28/2010 21:00	10	2.3	5.1	211	8.1	46.6	46	0.00
3/28/2010 22:00	26	3.0	6.7	189	7.6	45.7	48	0.00
3/28/2010 23:00	31	3.7	8.3	207	6.2	43.2	61	0.00
3/29/2010 0:00	14	2.7	6.0	179	4.9	40.8	69	0.00
3/29/2010 1:00	1	2.6	5.8	204	5.8	42.4	61	0.00
3/29/2010 2:00	12	2.7	6.0	190	5.4	41.7	65	0.00
3/29/2010 3:00	9	2.0	4.5	177	6.1	43.0	58	0.00
3/29/2010 4:00	24	2.4	5.4	177	7.1	44.8	51	0.00
3/29/2010 5:00	25	1.7	3.8	190	6.7	44.1	50	0.00
3/29/2010 6:00	48	3.2	7.2	175	7.6	45.7	46	0.00
3/29/2010 7:00	35	2.8	6.3	198	6.5	43.7	57	0.00
3/29/2010 8:00	32	3.1	6.9	185	5.9	42.6	64	0.00
3/29/2010 9:00	17	3.3	7.4	187	6.2	43.2	66	0.00
3/29/2010 10:00	22	3.2	7.2	200	7.0	44.6	62	0.00
3/29/2010 11:00	22	4.2	9.4	217	6.9	44.4	65	0.00
3/29/2010 12:00	9	3.3	7.4	209	7.1	44.8	66	0.00
3/29/2010 13:00	-4	2.7	6.0	200	9.2	48.6	58	0.00
3/29/2010 14:00	17	3.4	7.6	216	10.8	51.4	47	0.00
3/29/2010 15:00	0	2.7	6.0	216	9.5	49.1	56	0.00
3/29/2010 16:00	22	4.4	9.8	225	9.2	48.6	57	0.00
3/29/2010 17:00	-2	2.1	4.7	202	8.3	46.9	65	0.00
3/29/2010 18:00	-2	2.4	5.4	213	7.0	44.6	68	0.00
3/29/2010 19:00	6	2.6	5.8	212	7.1	44.8	60	0.00
3/29/2010 20:00	7	3.2	7.2	253	5.7	42.3	69	0.00
3/29/2010 21:00	-5	1.6	3.6	216	4.9	40.8	76	0.00
3/29/2010 22:00	4	1.2	2.7	185	3.7	38.7	83	0.06
3/29/2010 23:00	12	1.1	2.5	166	3.2	37.8	86	0.01
3/30/2010 0:00	-5	2.4	5.4	284	2.4	36.3	86	0.01
3/30/2010 1:00	2	AO	AO	AO	0.0	32.0	91	0.07
3/30/2010 2:00	-4	AO	AO	AO	-0.2	31.6	91	0.03
3/30/2010 3:00	-2	AO	AO	AO	-0.2	31.6	91	0.00
3/30/2010 4:00	9	AO	AO	AO	-0.3	31.5	91	0.00
3/30/2010 5:00	0	AO	AO	AO	-0.8	30.6	90	0.00
3/30/2010 6:00	-3	AO	AO	AO	-1.0	30.2	90	0.00
3/30/2010 7:00	5	AO	AO	AO	-1.0	30.2	91	0.01
3/30/2010 8:00	11	AO	AO	AO	-1.0	30.2	91	0.02
3/30/2010 9:00	7	AO	AO	AO	-1.1	30.0	89	0.00
3/30/2010 10:00	4	AO	AO	AO	-0.2	31.6	86	0.00
3/30/2010 11:00	-5	AO	AO	AO	1.0	33.8	82	0.00
3/30/2010 12:00	-5	1.9	4.3	215	3.1	37.6	65	0.00
3/30/2010 13:00	14	2.6	5.8	226	2.2	36.0	61	0.00
3/30/2010 14:00	2	2.0	4.5	227	3.2	37.8	52	0.00
3/30/2010 15:00	4	1.7	3.8	210	3.4	38.1	50	0.00
3/30/2010 16:00	2	2.1	4.7	264	3.2	37.8	49	0.00
3/30/2010 17:00	5	1.7	3.8	252	3.5	38.3	49	0.00
3/30/2010 18:00	8	3.2	7.2	233	1.9	35.4	59	0.00
3/30/2010 19:00	0	2.2	4.9	217	0.3	32.5	66	0.00
3/30/2010 20:00	0	1.3	2.9	192	-0.1	31.8	68	0.00
3/30/2010 21:00	4	2.4	5.4	223	-0.3	31.5	71	0.00
3/30/2010 22:00	14	1.8	4.0	254	-1.5	29.3	81	0.00
3/30/2010 23:00	20	2.0	4.5	298	-2.0	28.4	86	0.01
3/31/2010 0:00	14	1.6	3.6	308	-2.8	27.0	89	0.02
3/31/2010 1:00	13	0.7	1.6	240	-3.8	25.2	87	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
3/31/2010 2:00	-3	0.7	1.6	170	-4.1	24.6	87	0.00
3/31/2010 3:00	-2	0.9	2.0	210	-2.6	27.3	83	0.00
3/31/2010 4:00	5	1.5	3.4	167	-2.8	27.0	79	0.00
3/31/2010 5:00	-4	1.5	3.4	180	-3.6	25.5	80	0.00
3/31/2010 6:00	-3	1.1	2.5	199	-4.1	24.6	78	0.00
3/31/2010 7:00	0	1.3	2.9	183	-5.2	22.6	77	0.00
3/31/2010 8:00	2	1.4	3.1	217	-3.4	25.9	67	0.01
3/31/2010 9:00	-2	0.9	2.0	175	0.0	32.0	50	0.00
3/31/2010 10:00	3	0.8	1.8	208	2.3	36.1	38	0.00
3/31/2010 11:00	0	1.4	3.1	240	1.9	35.4	39	0.00
3/31/2010 12:00	-5	2.2	4.9	293	1.8	35.2	48	0.00
3/31/2010 13:00	8	2.7	6.0	293	2.3	36.1	52	0.00
3/31/2010 14:00	-5	2.9	6.5	280	1.8	35.2	50	0.00
3/31/2010 15:00	5	4.4	9.8	268	2.5	36.5	48	0.00
3/31/2010 16:00	-3	3.7	8.3	275	3.0	37.4	44	0.00
3/31/2010 17:00	8	1.5	3.4	340	3.9	39.0	34	0.00
3/31/2010 18:00	1	2.2	4.9	292	2.6	36.7	39	0.00
3/31/2010 19:00	-5	4.2	9.4	30	-0.2	31.6	65	0.00
3/31/2010 20:00	3	2.7	6.0	359	-2.1	28.2	78	0.00
3/31/2010 21:00	11	1.9	4.3	272	-2.6	27.3	81	0.00
3/31/2010 22:00	-3	0.7	1.6	227	-3.4	25.9	82	0.00
3/31/2010 23:00	10	0.7	1.6	262	-4.1	24.6	83	0.00
4/1/2010 0:00	4	0.8	1.8	233	-4.8	23.4	79	0.00

AN = Machine malfunction

AO = Bad weather

BA = Routine maintenance / repairs

Table 6
Warm Springs Site Hourly Average Data
Met One E-BAM
March 2010

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
3/1/2010 1:00	-5	1.1	2.5	181	-4.6	23.7	82
3/1/2010 2:00	7	1.5	3.4	194	-4.3	24.3	81
3/1/2010 3:00	9	1.7	3.8	204	-4.4	24.1	80
3/1/2010 4:00	1	1.7	3.8	200	-4.9	23.2	80
3/1/2010 5:00	-3	1.5	3.4	196	-5.6	21.9	81
3/1/2010 6:00	-5	1.6	3.6	201	-5.9	21.4	82
3/1/2010 7:00	2	1.2	2.7	187	-6.4	20.5	82
3/1/2010 8:00	9	1.2	2.7	185	-6.1	21.0	80
3/1/2010 9:00	5	2.3	5.1	186	-2.5	27.5	70
3/1/2010 10:00	-5	3.1	6.9	187	1.6	34.9	60
3/1/2010 11:00	1	3.4	7.6	192	4.9	40.8	48
3/1/2010 12:00	-2	3.3	7.4	188	7.9	46.2	40
3/1/2010 13:00	3	2.5	5.6	188	9.6	49.3	34
3/1/2010 14:00	3	1.9	4.3	177	10.7	51.3	28
3/1/2010 15:00	1	2.5	5.6	198	11.7	53.1	24
3/1/2010 16:00	1	2.1	4.7	176	12.3	54.1	23
3/1/2010 17:00	6	1.4	3.1	27	11.5	52.7	30
3/1/2010 18:00	1	1.5	3.4	349	7.7	45.9	48
3/1/2010 19:00	6	0.9	2.0	321	2.3	36.1	65
3/1/2010 20:00	-5	0.7	1.6	183	-3.0	26.6	81
3/1/2010 21:00	10	1.1	2.5	141	-2.2	28.0	78
3/1/2010 22:00	-5	1.1	2.5	138	-3.0	26.6	76
3/1/2010 23:00	31	0.5	1.1	263	-4.0	24.8	77
3/2/2010 0:00	8	0.7	1.6	141	-2.8	27.0	73
3/2/2010 1:00	1	1.2	2.7	219	-1.5	29.3	73
3/2/2010 2:00	5	1.9	4.3	238	-1.9	28.6	71
3/2/2010 3:00	2	2.5	5.6	220	-1.1	30.0	68
3/2/2010 4:00	4	2.3	5.1	252	-1.4	29.5	61
3/2/2010 5:00	-3	2.0	4.5	239	-1.6	29.1	63
3/2/2010 6:00	0	2.8	6.3	193	0.2	32.4	60
3/2/2010 7:00	-1	3.0	6.7	213	1.0	33.8	55
3/2/2010 8:00	0	2.9	6.5	222	1.7	35.1	53
3/2/2010 9:00	2	2.5	5.6	196	3.5	38.3	49
3/2/2010 10:00	-1	2.9	6.5	180	6.1	43.0	40
3/2/2010 11:00	1	3.9	8.7	157	7.8	46.0	35
3/2/2010 12:00	2	4.2	9.4	160	9.0	48.2	33
3/2/2010 13:00	5	4.4	9.8	142	9.8	49.6	33
3/2/2010 14:00	2	4.4	9.8	155	10.6	51.1	30
3/2/2010 15:00	-1	4.4	9.8	165	10.4	50.7	29
3/2/2010 16:00	2	3.7	8.3	160	10.0	50.0	32
3/2/2010 17:00	2	3.1	6.9	140	9.3	48.7	37
3/2/2010 18:00	-4	3.4	7.6	135	8.0	46.4	42
3/2/2010 19:00	5	3.5	7.8	138	7.1	44.8	45
3/2/2010 20:00	0	3.5	7.8	139	6.6	43.9	49
3/2/2010 21:00	7	3.5	7.8	140	6.4	43.5	51
3/2/2010 22:00	6	2.8	6.3	151	5.9	42.6	53
3/2/2010 23:00	5	1.7	3.8	183	5.0	41.0	56
3/3/2010 0:00	6	1.2	2.7	184	5.0	41.0	55
3/3/2010 1:00	-1	2.4	5.4	139	5.4	41.7	55
3/3/2010 2:00	5	2.9	6.5	162	5.3	41.5	58
3/3/2010 3:00	-5	1.8	4.0	158	3.2	37.8	79
3/3/2010 4:00	9	0.8	1.8	176	1.8	35.2	87
3/3/2010 5:00	9	0.9	2.0	205	1.6	34.9	88
3/3/2010 6:00	5	1.2	2.7	229	1.1	34.0	88
3/3/2010 7:00	18	0.8	1.8	206	0.3	32.5	89
3/3/2010 8:00	-5	0.6	1.3	143	-0.2	31.6	89
3/3/2010 9:00	29	0.5	1.1	139	0.9	33.6	87
3/3/2010 10:00	-3	0.9	2.0	189	4.0	39.2	75
3/3/2010 11:00	3	1.6	3.6	166	7.0	44.6	61
3/3/2010 12:00	6	2.0	4.5	170	10.0	50.0	44
3/3/2010 13:00	3	3.2	7.2	178	11.6	52.9	38
3/3/2010 14:00	5	2.9	6.5	160	11.4	52.5	38
3/3/2010 15:00	0	2.9	6.5	165	12.1	53.8	36
3/3/2010 16:00	1	3.4	7.6	147	10.3	50.5	44
3/3/2010 17:00	0	3.5	7.8	142	10.0	50.0	46
3/3/2010 18:00	5	2.5	5.6	147	7.9	46.2	53
3/3/2010 19:00	-5	0.9	2.0	97	5.1	41.2	66
3/3/2010 20:00	5	1.0	2.2	124	4.5	40.1	73
3/3/2010 21:00	-5	1.0	2.2	227	2.9	37.2	79
3/3/2010 22:00	8	0.7	1.6	298	1.2	34.2	87
3/3/2010 23:00	11	0.6	1.3	128	1.1	34.0	89
3/4/2010 0:00	13	0.6	1.3	184	0.0	32.0	90
3/4/2010 1:00	-5	0.8	1.8	175	-0.6	30.9	91
3/4/2010 2:00	11	0.8	1.8	204	-0.3	31.5	90
3/4/2010 3:00	5	0.4	0.9	3	-0.1	31.8	90
3/4/2010 4:00	-2	1.2	2.7	340	0.7	33.3	90

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
3/4/2010 5:00	3	0.9	2.0	273	0.2	32.4	90
3/4/2010 6:00	-3	0.7	1.6	184	0.0	32.0	90
3/4/2010 7:00	20	1.2	2.7	142	-0.4	31.3	91
3/4/2010 8:00	-5	0.9	2.0	162	-1.6	29.1	91
3/4/2010 9:00	11	0.9	2.0	166	-1.0	30.2	89
3/4/2010 10:00	-1	1.3	2.9	220	1.6	34.9	76
3/4/2010 11:00	4	1.6	3.6	350	2.8	37.0	75
3/4/2010 12:00	7	1.5	3.4	27	4.0	39.2	69
3/4/2010 13:00	5	1.8	4.0	4	3.9	39.0	71
3/4/2010 14:00	4	2.0	4.5	351	5.0	41.0	66
3/4/2010 15:00	9	2.0	4.5	357	6.1	43.0	62
3/4/2010 16:00	-2	2.0	4.5	356	6.6	43.9	57
3/4/2010 17:00	9	1.5	3.4	12	6.2	43.2	59
3/4/2010 18:00	15	1.0	2.2	4	4.7	40.5	64
3/4/2010 19:00	-5	0.7	1.6	284	1.6	34.9	75
3/4/2010 20:00	0	0.6	1.3	242	0.0	32.0	82
3/4/2010 21:00	5	0.8	1.8	239	-0.2	31.6	84
3/4/2010 22:00	14	0.4	0.9	117	-1.1	30.0	87
3/4/2010 23:00	-5	0.4	0.9	282	-2.5	27.5	89
3/5/2010 0:00	4	0.7	1.6	267	-3.7	25.3	90
3/5/2010 1:00	9	0.5	1.1	197	-4.5	23.9	89
3/5/2010 2:00	10	0.6	1.3	229	-4.8	23.4	89
3/5/2010 3:00	-5	0.7	1.6	125	-5.3	22.5	89
3/5/2010 4:00	-4	0.6	1.3	270	-6.1	21.0	87
3/5/2010 5:00	27	0.4	0.9	98	-4.7	23.5	88
3/5/2010 6:00	-5	0.4	0.9	167	-4.7	23.5	89
3/5/2010 7:00	18	0.4	0.9	271	-3.3	26.1	89
3/5/2010 8:00	3	0.4	0.9	133	-2.7	27.1	89
3/5/2010 9:00	24	0.6	1.3	172	-1.0	30.2	87
3/5/2010 10:00	6	0.5	1.1	163	0.0	32.0	83
3/5/2010 11:00	-4	0.9	2.0	325	1.7	35.1	75
3/5/2010 12:00	0	1.4	3.1	358	4.5	40.1	64
3/5/2010 13:00	11	1.9	4.3	2	7.0	44.6	53
3/5/2010 14:00	4	1.8	4.0	31	8.2	46.8	47
3/5/2010 15:00	2	2.0	4.5	360	8.6	47.5	46
3/5/2010 16:00	2	2.0	4.5	350	9.0	48.2	45
3/5/2010 17:00	9	1.5	3.4	3	8.9	48.0	45
3/5/2010 18:00	0	1.3	2.9	345	6.7	44.1	51
3/5/2010 19:00	-1	0.7	1.6	276	1.4	34.5	67
3/5/2010 20:00	-3	0.7	1.6	201	-1.0	30.2	79
3/5/2010 21:00	-5	1.0	2.2	135	-2.3	27.9	81
3/5/2010 22:00	1	1.1	2.5	132	-3.4	25.9	83
3/5/2010 23:00	16	0.9	2.0	134	-3.7	25.3	84
3/6/2010 0:00	5	1.0	2.2	157	-4.0	24.8	84
3/6/2010 1:00	22	1.1	2.5	158	-3.5	25.7	83
3/6/2010 2:00	5	0.8	1.8	200	-4.1	24.6	83
3/6/2010 3:00	-4	0.7	1.6	144	-4.4	24.1	84
3/6/2010 4:00	5	0.6	1.3	120	-5.7	21.7	85
3/6/2010 5:00	-5	0.7	1.6	168	-6.8	19.8	86
3/6/2010 6:00	3	0.7	1.6	159	-6.4	20.5	86
3/6/2010 7:00	5	0.6	1.3	135	-6.6	20.1	85
3/6/2010 8:00	1	0.8	1.8	179	-5.7	21.7	84
3/6/2010 9:00	15	1.5	3.4	184	-1.2	29.8	72
3/6/2010 10:00	-1	2.0	4.5	188	2.2	36.0	63
3/6/2010 11:00	5	1.9	4.3	195	5.0	41.0	51
3/6/2010 12:00	8	1.3	2.9	230	7.9	46.2	42
3/6/2010 13:00	11	1.2	2.7	249	10.0	50.0	37
3/6/2010 14:00	2	1.7	3.8	237	11.2	52.2	32
3/6/2010 15:00	1	1.7	3.8	209	11.9	53.4	29
3/6/2010 16:00	6	1.4	3.1	169	12.4	54.3	29
3/6/2010 17:00	8	1.4	3.1	105	11.9	53.4	32
3/6/2010 18:00	0	1.2	2.7	337	8.4	47.1	48
3/6/2010 19:00	-1	0.7	1.6	63	5.0	41.0	58
3/6/2010 20:00	5	0.8	1.8	311	1.2	34.2	69
3/6/2010 21:00	-5	0.9	2.0	222	-0.9	30.4	76
3/6/2010 22:00	25	1.0	2.2	142	-2.4	27.7	79
3/6/2010 23:00	9	1.1	2.5	161	-2.9	26.8	79
3/7/2010 0:00	36	1.1	2.5	144	-3.4	25.9	80
3/7/2010 1:00	-5	1.1	2.5	134	-4.4	24.1	81
3/7/2010 2:00	-5	1.7	3.8	190	-2.5	27.5	78
3/7/2010 3:00	24	1.1	2.5	126	-2.5	27.5	77
3/7/2010 4:00	11	1.2	2.7	199	-2.5	27.5	76
3/7/2010 5:00	-5	1.4	3.1	200	-2.6	27.3	76
3/7/2010 6:00	17	1.1	2.5	164	-2.6	27.3	76
3/7/2010 7:00	-5	0.8	1.8	97	-4.7	23.5	82
3/7/2010 8:00	13	1.7	3.8	178	-3.2	26.2	78
3/7/2010 9:00	3	2.4	5.4	167	-0.4	31.3	69
3/7/2010 10:00	7	3.0	6.7	197	3.9	39.0	54
3/7/2010 11:00	3	3.0	6.7	190	6.7	44.1	45
3/7/2010 12:00	-5	2.9	6.5	186	8.2	46.8	39
3/7/2010 13:00	10	3.2	7.2	191	10.6	51.1	29

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
3/7/2010 14:00	10	3.1	6.9	177	11.9	53.4	22
3/7/2010 15:00	7	2.2	4.9	163	12.2	54.0	21
3/7/2010 16:00	3	1.9	4.3	39	11.6	52.9	29
3/7/2010 17:00	-1	2.0	4.5	7	10.6	51.1	33
3/7/2010 18:00	-1	1.5	3.4	2	9.3	48.7	35
3/7/2010 19:00	8	0.8	1.8	288	3.6	38.5	52
3/7/2010 20:00	-5	0.8	1.8	221	-1.7	28.9	72
3/7/2010 21:00	-3	1.1	2.5	149	-1.7	28.9	73
3/7/2010 22:00	1	1.2	2.7	147	-2.7	27.1	74
3/7/2010 23:00	19	1.1	2.5	145	-2.9	26.8	76
3/8/2010 0:00	11	1.5	3.4	178	-2.6	27.3	75
3/8/2010 1:00	10	1.6	3.6	173	-2.6	27.3	73
3/8/2010 2:00	8	1.3	2.9	192	-3.3	26.1	74
3/8/2010 3:00	-4	0.9	2.0	137	-4.4	24.1	79
3/8/2010 4:00	9	1.0	2.2	159	-3.3	26.1	74
3/8/2010 5:00	5	1.6	3.6	171	-3.5	25.7	74
3/8/2010 6:00	11	1.0	2.2	161	-4.5	23.9	78
3/8/2010 7:00	-2	1.1	2.5	191	-4.7	23.5	79
3/8/2010 8:00	4	0.7	1.6	174	-5.2	22.6	81
3/8/2010 9:00	13	0.8	1.8	121	-1.8	28.8	72
3/8/2010 10:00	-1	1.9	4.3	161	4.0	39.2	54
3/8/2010 11:00	9	2.9	6.5	180	7.7	45.9	41
3/8/2010 12:00	1	3.7	8.3	187	9.5	49.1	36
3/8/2010 13:00	5	3.1	6.9	167	10.5	50.9	33
3/8/2010 14:00	9	3.0	6.7	175	11.3	52.3	28
3/8/2010 15:00	1	2.5	5.6	162	12.1	53.8	24
3/8/2010 16:00	6	2.8	6.3	227	12.2	54.0	23
3/8/2010 17:00	7	1.4	3.1	352	10.3	50.5	32
3/8/2010 18:00	4	1.2	2.7	21	8.1	46.6	42
3/8/2010 19:00	0	1.3	2.9	335	3.6	38.5	57
3/8/2010 20:00	-2	1.0	2.2	301	2.2	36.0	65
3/8/2010 21:00	9	1.1	2.5	243	0.5	32.9	72
3/8/2010 22:00	-5	0.9	2.0	331	-0.3	31.5	74
3/8/2010 23:00	22	1.5	3.4	358	1.1	34.0	79
3/9/2010 0:00	24	1.4	3.1	325	0.7	33.3	82
3/9/2010 1:00	-5	1.1	2.5	297	-0.3	31.5	86
3/9/2010 2:00	1	1.2	2.7	335	0.7	33.3	86
3/9/2010 3:00	2	0.8	1.8	36	0.3	32.5	89
3/9/2010 4:00	-2	0.8	1.8	34	-0.1	31.8	90
3/9/2010 5:00	-2	1.0	2.2	38	-0.6	30.9	89
3/9/2010 6:00	-5	1.1	2.5	39	-1.0	30.2	89
3/9/2010 7:00	6	1.1	2.5	24	-1.6	29.1	89
3/9/2010 8:00	2	1.0	2.2	23	-2.0	28.4	88
3/9/2010 9:00	13	0.4	0.9	22	-1.8	28.8	85
3/9/2010 10:00	10	0.3	0.7	16	-1.3	29.7	83
3/9/2010 11:00	-1	0.8	1.8	5	-0.8	30.6	79
3/9/2010 12:00	17	1.4	3.1	6	-0.2	31.6	75
3/9/2010 13:00	4	1.6	3.6	355	0.0	32.0	74
3/9/2010 14:00	3	1.7	3.8	2	0.7	33.3	71
3/9/2010 15:00	15	1.4	3.1	6	0.6	33.1	73
3/9/2010 16:00	-5	1.4	3.1	12	0.0	32.0	77
3/9/2010 17:00	12	1.7	3.8	7	-1.0	30.2	84
3/9/2010 18:00	13	1.4	3.1	15	-1.6	29.1	87
3/9/2010 19:00	-5	1.0	2.2	26	-2.3	27.9	87
3/9/2010 20:00	2	0.8	1.8	30	-2.5	27.5	85
3/9/2010 21:00	11	1.0	2.2	42	-2.8	27.0	84
3/9/2010 22:00	-5	1.1	2.5	42	-2.9	26.8	80
3/9/2010 23:00	1	1.2	2.7	52	-3.1	26.4	79
3/10/2010 0:00	-3	1.1	2.5	47	-3.4	25.9	78
3/10/2010 1:00	4	1.0	2.2	41	-3.6	25.5	77
3/10/2010 2:00	3	1.2	2.7	45	-3.8	25.2	76
3/10/2010 3:00	0	1.1	2.5	42	-4.1	24.6	76
3/10/2010 4:00	7	0.9	2.0	9	-4.4	24.1	78
3/10/2010 5:00	-5	0.8	1.8	21	-4.7	23.5	78
3/10/2010 6:00	5	0.9	2.0	333	-5.2	22.6	80
3/10/2010 7:00	6	1.3	2.9	336	-5.7	21.7	78
3/10/2010 8:00	-5	1.2	2.7	313	-9.4	15.1	82
3/10/2010 9:00	10	0.8	1.8	337	-4.8	23.4	67
3/10/2010 10:00	17	1.2	2.7	36	-2.7	27.1	60
3/10/2010 11:00	6	1.4	3.1	18	-1.8	28.8	58
3/10/2010 12:00	-2	1.3	2.9	9	-1.1	30.0	54
3/10/2010 13:00	1	1.6	3.6	354	-0.1	31.8	50
3/10/2010 14:00	8	1.6	3.6	30	0.5	32.9	48
3/10/2010 15:00	3	1.6	3.6	24	1.4	34.5	45
3/10/2010 16:00	12	1.4	3.1	22	0.2	32.4	46
3/10/2010 17:00	6	1.3	2.9	21	-0.2	31.6	45
3/10/2010 18:00	5	1.4	3.1	38	-0.4	31.3	46
3/10/2010 19:00	6	1.1	2.5	56	-2.8	27.0	55
3/10/2010 20:00	2	0.6	1.3	41	-4.8	23.4	62
3/10/2010 21:00	-5	0.8	1.8	277	-7.5	18.5	72
3/10/2010 22:00	5	0.8	1.8	235	-8.8	16.2	76

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
3/10/2010 23:00	5	1.1	2.5	150	-8.6	16.5	75
3/11/2010 0:00	17	1.0	2.2	161	-8.5	16.7	75
3/11/2010 1:00	-5	1.0	2.2	171	-9.1	15.6	75
3/11/2010 2:00	17	1.5	3.4	162	-9.4	15.1	74
3/11/2010 3:00	12	1.2	2.7	167	-9.7	14.5	75
3/11/2010 4:00	-5	2.1	4.7	179	-9.8	14.4	74
3/11/2010 5:00	10	1.2	2.7	133	-10.7	12.7	76
3/11/2010 6:00	-5	1.9	4.3	191	-10.7	12.7	75
3/11/2010 7:00	-5	2.9	6.5	178	-10.5	13.1	73
3/11/2010 8:00	12	3.1	6.9	167	-9.8	14.4	72
3/11/2010 9:00	2	3.3	7.4	176	-6.2	20.8	62
3/11/2010 10:00	3	3.8	8.5	178	-2.7	27.1	52
3/11/2010 11:00	-1	4.0	8.9	176	-0.5	31.1	45
3/11/2010 12:00	5	4.5	10.1	183	2.1	35.8	38
3/11/2010 13:00	4	4.7	10.5	188	3.4	38.1	34
3/11/2010 14:00	-3	4.9	11.0	199	3.9	39.0	35
3/11/2010 15:00	3	5.0	11.2	196	4.7	40.5	34
3/11/2010 16:00	5	4.1	9.2	188	4.7	40.5	35
3/11/2010 17:00	0	4.4	9.8	195	6.0	42.8	33
3/11/2010 18:00	5	4.1	9.2	197	5.2	41.4	36
3/11/2010 19:00	-4	3.7	8.3	194	3.3	37.9	43
3/11/2010 20:00	0	3.2	7.2	184	2.4	36.3	45
3/11/2010 21:00	-5	2.6	5.8	171	2.0	35.6	46
3/11/2010 22:00	9	2.8	6.3	194	2.3	36.1	46
3/11/2010 23:00	4	3.1	6.9	177	2.0	35.6	46
3/12/2010 0:00	7	3.0	6.7	172	2.1	35.8	45
3/12/2010 1:00	2	2.9	6.5	176	2.5	36.5	44
3/12/2010 2:00	3	2.7	6.0	165	1.2	34.2	48
3/12/2010 3:00	3	3.1	6.9	163	1.3	34.3	48
3/12/2010 4:00	8	3.0	6.7	181	0.7	33.3	52
3/12/2010 5:00	-4	3.2	7.2	156	1.1	34.0	51
3/12/2010 6:00	4	4.0	8.9	140	0.4	32.7	53
3/12/2010 7:00	-1	3.9	8.7	137	0.4	32.7	53
3/12/2010 8:00	6	2.1	4.7	137	0.4	32.7	54
3/12/2010 9:00	-5	3.5	7.8	152	2.5	36.5	49
3/12/2010 10:00	5	4.7	10.5	149	4.8	40.6	43
3/12/2010 11:00	3	4.9	11.0	148	6.3	43.3	41
3/12/2010 12:00	7	5.3	11.9	140	8.1	46.6	38
3/12/2010 13:00	2	5.5	12.3	138	9.3	48.7	36
3/12/2010 14:00	6	5.8	13.0	136	9.8	49.6	34
3/12/2010 15:00	-5	5.3	11.9	145	9.4	48.9	36
3/12/2010 16:00	6	5.1	11.4	151	8.5	47.3	38
3/12/2010 17:00	-2	5.0	11.2	147	8.2	46.8	39
3/12/2010 18:00	1	5.0	11.2	153	7.7	45.9	40
3/12/2010 19:00	6	5.3	11.9	150	7.0	44.6	41
3/12/2010 20:00	4	5.3	11.9	144	6.2	43.2	43
3/12/2010 21:00	-1	4.4	9.8	147	5.7	42.3	44
3/12/2010 22:00	4	3.4	7.6	158	5.3	41.5	43
3/12/2010 23:00	6	2.9	6.5	158	5.1	41.2	41
3/13/2010 0:00	3	2.3	5.1	190	4.2	39.6	41
3/13/2010 1:00	4	2.6	5.8	159	3.4	38.1	43
3/13/2010 2:00	2	2.6	5.8	175	2.6	36.7	47
3/13/2010 3:00	9	3.1	6.9	174	2.7	36.9	47
3/13/2010 4:00	-1	3.2	7.2	165	2.2	36.0	50
3/13/2010 5:00	3	3.1	6.9	168	3.0	37.4	47
3/13/2010 6:00	8	2.5	5.6	163	2.4	36.3	49
3/13/2010 7:00	1	1.7	3.8	248	1.9	35.4	51
3/13/2010 8:00	4	1.5	3.4	4	2.1	35.8	54
3/13/2010 9:00	1	1.1	2.5	41	1.1	34.0	77
3/13/2010 10:00	8	1.2	2.7	47	0.3	32.5	85
3/13/2010 11:00	-3	1.6	3.6	47	1.2	34.2	79
3/13/2010 12:00	-5	1.6	3.6	39	3.6	38.5	66
3/13/2010 13:00	5	1.5	3.4	300	4.2	39.6	57
3/13/2010 14:00	-3	1.7	3.8	324	3.9	39.0	55
3/13/2010 15:00	0	2.2	4.9	331	4.3	39.7	51
3/13/2010 16:00	1	2.1	4.7	331	4.3	39.7	49
3/13/2010 17:00	-4	1.5	3.4	348	3.9	39.0	49
3/13/2010 18:00	-4	1.0	2.2	354	3.4	38.1	50
3/13/2010 19:00	5	1.0	2.2	357	2.4	36.3	56
3/13/2010 20:00	3	1.2	2.7	288	1.4	34.5	62
3/13/2010 21:00	-3	1.0	2.2	267	1.2	34.2	62
3/13/2010 22:00	3	1.1	2.5	267	0.7	33.3	65
3/13/2010 23:00	2	0.6	1.3	280	-0.4	31.3	73
3/14/2010 0:00	0	0.9	2.0	283	-0.2	31.6	70
3/14/2010 1:00	3	0.9	2.0	8	-0.2	31.6	67
3/14/2010 2:00	-2	1.0	2.2	40	-1.1	30.0	70
3/14/2010 3:00	8	0.8	1.8	27	-2.0	28.4	74
3/14/2010 4:00	-1	0.9	2.0	25	-1.6	29.1	71
3/14/2010 5:00	-5	0.7	1.6	6	-2.1	28.2	72
3/14/2010 6:00	-5	0.9	2.0	328	-2.6	27.3	75

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
3/14/2010 7:00	0	0.8	1.8	317	-4.3	24.3	80
3/14/2010 8:00	10	0.7	1.6	292	-4.6	23.7	82
3/14/2010 9:00	-5	1.5	3.4	303	-0.9	30.4	66
3/14/2010 10:00	0	1.3	2.9	347	1.3	34.3	55
3/14/2010 11:00	13	1.2	2.7	316	2.9	37.2	50
3/14/2010 12:00	2	1.6	3.6	162	4.8	40.6	47
3/14/2010 13:00	1	1.5	3.4	173	6.3	43.3	43
3/14/2010 14:00	4	1.4	3.1	359	7.2	45.0	40
3/14/2010 15:00	3	1.4	3.1	48	8.7	47.7	38
3/14/2010 16:00	7	1.4	3.1	186	10.2	50.4	32
3/14/2010 17:00	0	1.0	2.2	105	10.5	50.9	31
3/14/2010 18:00	-1	0.9	2.0	290	10.0	50.0	32
3/14/2010 19:00	-4	0.8	1.8	347	6.3	43.3	47
3/14/2010 20:00	-2	0.7	1.6	262	-0.1	31.8	71
3/14/2010 21:00	-5	0.7	1.6	284	-2.3	27.9	77
3/14/2010 22:00	30	0.8	1.8	124	-2.3	27.9	80
3/14/2010 23:00	-5	1.3	2.9	177	-2.1	28.2	79
3/15/2010 0:00	15	1.4	3.1	185	-1.2	29.8	76
3/15/2010 1:00	4	2.1	4.7	192	-1.2	29.8	75
3/15/2010 2:00	7	2.1	4.7	204	-0.8	30.6	73
3/15/2010 3:00	-1	1.4	3.1	172	-1.8	28.8	74
3/15/2010 4:00	24	0.6	1.3	115	-4.7	23.5	82
3/15/2010 5:00	-5	0.4	0.9	318	-6.2	20.8	84
3/15/2010 6:00	-1	0.6	1.3	312	-6.4	20.5	84
3/15/2010 7:00	19	0.6	1.3	291	-6.9	19.6	86
3/15/2010 8:00	-2	0.8	1.8	151	-4.6	23.7	84
3/15/2010 9:00	8	1.0	2.2	111	0.6	33.1	67
3/15/2010 10:00	14	1.3	2.9	30	2.8	37.0	60
3/15/2010 11:00	11	1.5	3.4	20	5.8	42.4	51
3/15/2010 12:00	9	1.3	2.9	18	7.9	46.2	43
3/15/2010 13:00	10	1.4	3.1	358	10.0	50.0	37
3/15/2010 14:00	8	1.4	3.1	354	11.6	52.9	31
3/15/2010 15:00	9	1.7	3.8	2	12.8	55.0	28
3/15/2010 16:00	3	1.7	3.8	354	13.2	55.8	26
3/15/2010 17:00	7	1.4	3.1	357	13.2	55.8	24
3/15/2010 18:00	2	1.2	2.7	348	11.4	52.5	30
3/15/2010 19:00	-1	0.7	1.6	302	6.8	44.2	46
3/15/2010 20:00	-5	0.9	2.0	247	1.7	35.1	65
3/15/2010 21:00	-5	1.2	2.7	143	0.2	32.4	71
3/15/2010 22:00	10	1.2	2.7	140	-1.6	29.1	76
3/15/2010 23:00	-3	1.2	2.7	135	-1.5	29.3	74
3/16/2010 0:00	26	1.2	2.7	118	-2.0	28.4	76
3/16/2010 1:00	-2	1.9	4.3	193	0.1	32.2	69
3/16/2010 2:00	-2	1.5	3.4	173	0.3	32.5	66
3/16/2010 3:00	11	1.0	2.2	122	-0.3	31.5	68
3/16/2010 4:00	7	1.0	2.2	110	-0.9	30.4	69
3/16/2010 5:00	8	0.7	1.6	28	-4.1	24.6	80
3/16/2010 6:00	-5	0.7	1.6	328	-5.5	22.1	83
3/16/2010 7:00	6	0.9	2.0	113	-3.5	25.7	78
3/16/2010 8:00	-5	2.1	4.7	168	0.8	33.4	63
3/16/2010 9:00	5	3.1	6.9	201	4.9	40.8	47
3/16/2010 10:00	9	3.6	8.1	205	8.7	47.7	38
3/16/2010 11:00	7	3.7	8.3	179	12.3	54.1	27
3/16/2010 12:00	7	4.2	9.4	150	13.9	57.0	21
3/16/2010 13:00	6	4.1	9.2	151	15.2	59.4	19
3/16/2010 14:00	0	4.3	9.6	171	16.3	61.3	12
3/16/2010 15:00	3	4.7	10.5	176	16.6	61.9	10
3/16/2010 16:00	-5	4.8	10.7	197	16.2	61.2	13
3/16/2010 17:00	7	4.5	10.1	205	16.1	61.0	16
3/16/2010 18:00	0	3.8	8.5	212	14.8	58.6	19
3/16/2010 19:00	-5	2.6	5.8	193	12.1	53.8	26
3/16/2010 20:00	-5	1.9	4.3	138	9.9	49.8	31
3/16/2010 21:00	12	1.3	2.9	181	8.1	46.6	37
3/16/2010 22:00	-5	1.5	3.4	183	7.9	46.2	38
3/16/2010 23:00	4	3.4	7.6	197	9.4	48.9	37
3/17/2010 0:00	6	3.2	7.2	192	9.1	48.4	38
3/17/2010 1:00	8	2.3	5.1	184	7.6	45.7	40
3/17/2010 2:00	0	2.2	4.9	182	6.8	44.2	43
3/17/2010 3:00	-5	2.8	6.3	167	7.1	44.8	43
3/17/2010 4:00	7	2.5	5.6	176	6.8	44.2	44
3/17/2010 5:00	2	2.9	6.5	187	6.4	43.5	46
3/17/2010 6:00	-5	2.2	4.9	179	4.1	39.4	55
3/17/2010 7:00	13	2.6	5.8	188	4.0	39.2	55
3/17/2010 8:00	0	1.2	2.7	20	4.3	39.7	55
3/17/2010 9:00	20	1.8	4.0	14	7.2	45.0	52
3/17/2010 10:00	19	2.0	4.5	22	8.5	47.3	51
3/17/2010 11:00	35	2.2	4.9	24	9.9	49.8	48
3/17/2010 12:00	22	1.8	4.0	25	11.1	52.0	44
3/17/2010 13:00	18	2.2	4.9	12	12.0	53.6	42
3/17/2010 14:00	27	2.0	4.5	23	12.8	55.0	39
3/17/2010 15:00	52	2.3	5.1	29	12.9	55.2	37

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
3/17/2010 16:00	47	2.5	5.6	29	12.2	54.0	35
3/17/2010 17:00	34	2.5	5.6	32	10.7	51.3	36
3/17/2010 18:00	6	2.2	4.9	31	9.0	48.2	39
3/17/2010 19:00	4	2.2	4.9	54	6.8	44.2	43
3/17/2010 20:00	-4	2.3	5.1	54	5.2	41.4	46
3/17/2010 21:00	10	1.6	3.6	39	3.7	38.7	48
3/17/2010 22:00	1	1.1	2.5	41	2.6	36.7	50
3/17/2010 23:00	-2	1.2	2.7	15	1.7	35.1	52
3/18/2010 0:00	17	1.4	3.1	29	1.4	34.5	51
3/18/2010 1:00	4	1.1	2.5	315	0.1	32.2	55
3/18/2010 2:00	2	0.9	2.0	16	-0.5	31.1	57
3/18/2010 3:00	2	1.4	3.1	2	-0.6	30.9	57
3/18/2010 4:00	6	1.2	2.7	358	-0.7	30.7	58
3/18/2010 5:00	8	1.3	2.9	19	-1.0	30.2	60
3/18/2010 6:00	9	0.9	2.0	356	-2.5	27.5	63
3/18/2010 7:00	2	0.8	1.8	334	-4.7	23.5	71
3/18/2010 8:00	-5	0.8	1.8	54	-2.2	28.0	58
3/18/2010 9:00	23	1.4	3.1	10	1.1	34.0	46
3/18/2010 10:00	4	1.4	3.1	15	2.5	36.5	43
3/18/2010 11:00	6	1.9	4.3	307	3.6	38.5	42
3/18/2010 12:00	9	1.6	3.6	16	4.9	40.8	38
3/18/2010 13:00	8	1.7	3.8	38	5.9	42.6	34
3/18/2010 14:00	10	1.8	4.0	8	6.3	43.3	32
3/18/2010 15:00	6	1.7	3.8	34	7.2	45.0	31
3/18/2010 16:00	12	1.6	3.6	27	6.7	44.1	29
3/18/2010 17:00	2	1.1	2.5	27	5.4	41.7	31
3/18/2010 18:00	20	1.6	3.6	41	5.2	41.4	30
3/18/2010 19:00	7	1.5	3.4	16	3.7	38.7	34
3/18/2010 20:00	20	3.2	7.2	340	2.6	36.7	45
3/18/2010 21:00	9	4.1	9.2	331	-0.1	31.8	67
3/18/2010 22:00	26	2.9	6.5	340	-1.5	29.3	79
3/18/2010 23:00	13	3.1	6.9	342	-3.1	26.4	88
3/19/2010 0:00	0	3.0	6.7	328	-3.6	25.5	87
3/19/2010 1:00	-1	2.9	6.5	328	-4.2	24.4	86
3/19/2010 2:00	2	2.3	5.1	326	-5.6	21.9	85
3/19/2010 3:00	-5	0.9	2.0	52	-6.6	20.1	85
3/19/2010 4:00	22	0.7	1.6	98	-5.9	21.4	85
3/19/2010 5:00	-5	0.8	1.8	28	-4.9	23.2	84
3/19/2010 6:00	8	0.5	1.1	28	-5.2	22.6	83
3/19/2010 7:00	-3	1.3	2.9	351	-4.7	23.5	82
3/19/2010 8:00	-4	0.9	2.0	346	-4.7	23.5	76
3/19/2010 9:00	-1	1.4	3.1	326	-3.3	26.1	60
3/19/2010 10:00	-2	1.4	3.1	354	-1.9	28.6	54
3/19/2010 11:00	11	1.3	2.9	5	-0.6	30.9	50
3/19/2010 12:00	-2	1.4	3.1	4	0.0	32.0	49
3/19/2010 13:00	5	1.3	2.9	37	1.2	34.2	47
3/19/2010 14:00	2	1.5	3.4	11	2.2	36.0	44
3/19/2010 15:00	-1	1.7	3.8	347	2.8	37.0	41
3/19/2010 16:00	3	2.1	4.7	331	3.2	37.8	36
3/19/2010 17:00	0	1.7	3.8	353	3.9	39.0	29
3/19/2010 18:00	5	1.2	2.7	10	3.7	38.7	30
3/19/2010 19:00	-5	1.0	2.2	317	0.2	32.4	44
3/19/2010 20:00	-1	0.7	1.6	281	-4.8	23.4	68
3/19/2010 21:00	-5	0.9	2.0	167	-5.0	23.0	73
3/19/2010 22:00	20	1.1	2.5	143	-6.0	21.2	76
3/19/2010 23:00	8	1.4	3.1	160	-5.7	21.7	73
3/20/2010 0:00	21	1.4	3.1	163	-6.7	19.9	75
3/20/2010 1:00	-5	2.4	5.4	186	-5.8	21.6	71
3/20/2010 2:00	12	2.2	4.9	152	-5.8	21.6	72
3/20/2010 3:00	-5	2.4	5.4	174	-5.9	21.4	72
3/20/2010 4:00	-2	2.3	5.1	167	-5.7	21.7	71
3/20/2010 5:00	5	2.5	5.6	168	-5.6	21.9	70
3/20/2010 6:00	-5	2.4	5.4	169	-5.6	21.9	67
3/20/2010 7:00	11	2.4	5.4	165	-5.8	21.6	67
3/20/2010 8:00	-3	3.1	6.9	165	-3.1	26.4	57
3/20/2010 9:00	-3	3.1	6.9	182	0.4	32.7	45
3/20/2010 10:00	-3	3.3	7.4	182	3.2	37.8	35
3/20/2010 11:00	6	3.5	7.8	183	5.8	42.4	28
3/20/2010 12:00	-1	3.8	8.5	190	8.1	46.6	21
3/20/2010 13:00	2	3.5	7.8	168	9.7	49.5	19
3/20/2010 14:00	1	3.5	7.8	183	10.9	51.6	17
3/20/2010 15:00	10	4.2	9.4	188	12.0	53.6	15
3/20/2010 16:00	1	4.7	10.5	196	12.0	53.6	16
3/20/2010 17:00	3	4.8	10.7	199	11.9	53.4	17
3/20/2010 18:00	2	4.2	9.4	198	11.1	52.0	20
3/20/2010 19:00	-5	3.5	7.8	198	8.7	47.7	25
3/20/2010 20:00	0	2.4	5.4	171	6.5	43.7	30
3/20/2010 21:00	-4	2.3	5.1	163	6.0	42.8	31
3/20/2010 22:00	3	2.4	5.4	177	5.8	42.4	32
3/20/2010 23:00	1	2.6	5.8	173	5.3	41.5	34
3/21/2010 0:00	11	2.7	6.0	169	4.9	40.8	37

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
3/21/2010 1:00	9	3.4	7.6	166	5.1	41.2	36
3/21/2010 2:00	3	2.7	6.0	164	4.3	39.7	38
3/21/2010 3:00	7	2.5	5.6	164	3.3	37.9	41
3/21/2010 4:00	3	2.7	6.0	160	2.7	36.9	43
3/21/2010 5:00	0	2.9	6.5	161	3.3	37.9	42
3/21/2010 6:00	5	3.1	6.9	176	3.5	38.3	40
3/21/2010 7:00	-2	3.3	7.4	175	3.6	38.5	40
3/21/2010 8:00	4	3.7	8.3	177	6.1	43.0	33
3/21/2010 9:00	7	4.0	8.9	181	7.6	45.7	31
3/21/2010 10:00	2	4.4	9.8	183	9.3	48.7	27
3/21/2010 11:00	12	4.9	11.0	188	11.6	52.9	22
3/21/2010 12:00	15	5.9	13.2	195	13.4	56.1	21
3/21/2010 13:00	9	6.1	13.6	196	14.2	57.6	20
3/21/2010 14:00	12	5.6	12.5	202	14.9	58.8	20
3/21/2010 15:00	11	6.4	14.3	203	15.0	59.0	21
3/21/2010 16:00	7	6.3	14.1	205	13.8	56.8	24
3/21/2010 17:00	4	6.0	13.4	195	12.4	54.3	31
3/21/2010 18:00	10	5.7	12.8	212	10.7	51.3	39
3/21/2010 19:00	1	3.0	6.7	205	6.9	44.4	64
3/21/2010 20:00	-1	1.9	4.3	170	6.0	42.8	68
3/21/2010 21:00	3	1.7	3.8	20	4.1	39.4	76
3/21/2010 22:00	11	1.9	4.3	350	2.8	37.0	82
3/21/2010 23:00	11	1.1	2.5	332	1.8	35.2	86
3/22/2010 0:00	10	0.9	2.0	203	0.0	32.0	88
3/22/2010 1:00	36	0.7	1.6	294	-2.0	28.4	90
3/22/2010 2:00	9	0.7	1.6	151	-0.5	31.1	90
3/22/2010 3:00	3	0.9	2.0	138	0.5	32.9	90
3/22/2010 4:00	3	0.8	1.8	318	0.9	33.6	87
3/22/2010 5:00	4	1.0	2.2	342	0.6	33.1	89
3/22/2010 6:00	-2	1.0	2.2	317	0.6	33.1	87
3/22/2010 7:00	-5	0.3	0.7	231	-0.6	30.9	89
3/22/2010 8:00	3	1.7	3.8	247	0.7	33.3	75
3/22/2010 9:00	-5	2.9	6.5	266	2.5	36.5	70
3/22/2010 10:00	18	2.0	4.5	266	3.6	38.5	64
3/22/2010 11:00	11	2.9	6.5	269	4.1	39.4	63
3/22/2010 12:00	6	1.2	2.7	237	2.7	36.9	71
3/22/2010 13:00	2	1.9	4.3	356	4.3	39.7	64
3/22/2010 14:00	-1	1.9	4.3	11	5.2	41.4	56
3/22/2010 15:00	10	3.8	8.5	304	6.8	44.2	40
3/22/2010 16:00	-2	4.1	9.2	301	6.5	43.7	38
3/22/2010 17:00	0	3.2	7.2	311	6.3	43.3	36
3/22/2010 18:00	3	3.3	7.4	311	5.4	41.7	40
3/22/2010 19:00	2	2.0	4.5	336	3.0	37.4	53
3/22/2010 20:00	-2	1.0	2.2	347	0.9	33.6	63
3/22/2010 21:00	-2	0.6	1.3	39	0.1	32.2	69
3/22/2010 22:00	2	0.8	1.8	154	0.2	32.4	74
3/22/2010 23:00	12	0.8	1.8	167	-0.7	30.7	79
3/23/2010 0:00	11	0.7	1.6	83	-1.4	29.5	80
3/23/2010 1:00	3	0.7	1.6	116	-2.8	27.0	80
3/23/2010 2:00	-5	0.7	1.6	171	-4.4	24.1	84
3/23/2010 3:00	2	0.9	2.0	125	-4.9	23.2	84
3/23/2010 4:00	2	0.7	1.6	100	-5.1	22.8	85
3/23/2010 5:00	9	0.7	1.6	357	-6.3	20.7	85
3/23/2010 6:00	15	0.6	1.3	164	-5.3	22.5	86
3/23/2010 7:00	-5	0.6	1.3	198	-5.6	21.9	85
3/23/2010 8:00	24	0.7	1.6	274	-3.2	26.2	80
3/23/2010 9:00	-5	0.7	1.6	151	1.1	34.0	61
3/23/2010 10:00	10	1.1	2.5	111	2.9	37.2	54
3/23/2010 11:00	9	1.2	2.7	48	4.9	40.8	48
3/23/2010 12:00	-1	1.3	2.9	358	4.5	40.1	48
3/23/2010 13:00	-1	1.6	3.6	58	4.2	39.6	53
3/23/2010 14:00	15	1.6	3.6	73	5.9	42.6	45
3/23/2010 15:00	3	1.4	3.1	35	6.5	43.7	40
3/23/2010 16:00	5	1.5	3.4	35	7.1	44.8	38
3/23/2010 17:00	8	1.3	2.9	47	7.3	45.1	36
3/23/2010 18:00	5	1.9	4.3	324	7.0	44.6	35
3/23/2010 19:00	6	1.3	2.9	325	4.0	39.2	45
3/23/2010 20:00	1	0.7	1.6	34	2.0	35.6	55
3/23/2010 21:00	0	0.6	1.3	330	-1.0	30.2	66
3/23/2010 22:00	6	0.9	2.0	213	-3.7	25.3	78
3/23/2010 23:00	-5	1.2	2.7	153	-3.4	25.9	74
3/24/2010 0:00	19	0.9	2.0	137	-4.2	24.4	77
3/24/2010 1:00	1	0.9	2.0	133	-4.5	23.9	77
3/24/2010 2:00	9	1.6	3.6	181	-4.5	23.9	77
3/24/2010 3:00	1	1.4	3.1	175	-5.3	22.5	78
3/24/2010 4:00	5	2.1	4.7	190	-4.5	23.9	74
3/24/2010 5:00	10	2.4	5.4	204	-3.9	25.0	71
3/24/2010 6:00	-3	2.3	5.1	199	-4.6	23.7	72
3/24/2010 7:00	11	1.5	3.4	183	-5.0	23.0	74
3/24/2010 8:00	-5	1.3	2.9	177	-3.8	25.2	71

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
3/24/2010 9:00	6	1.1	2.5	118	-0.8	30.6	64
3/24/2010 10:00	16	1.0	2.2	69	3.3	37.9	50
3/24/2010 11:00	10	1.5	3.4	23	5.8	42.4	42
3/24/2010 12:00	5	3.1	6.9	188	8.6	47.5	29
3/24/2010 13:00	11	2.6	5.8	214	10.2	50.4	22
3/24/2010 14:00	16	1.7	3.8	214	11.5	52.7	18
3/24/2010 15:00	16	1.7	3.8	135	11.9	53.4	16
3/24/2010 16:00	9	1.6	3.6	22	12.1	53.8	15
3/24/2010 17:00	12	1.5	3.4	4	11.4	52.5	21
3/24/2010 18:00	16	1.3	2.9	13	9.7	49.5	29
3/24/2010 19:00	18	0.8	1.8	335	6.6	43.9	41
3/24/2010 20:00	6	0.6	1.3	258	2.2	36.0	55
3/24/2010 21:00	12	0.8	1.8	139	-0.4	31.3	68
3/24/2010 22:00	10	1.0	2.2	168	-0.7	30.7	63
3/24/2010 23:00	16	1.0	2.2	141	-1.6	29.1	66
3/25/2010 0:00	19	1.4	3.1	147	-1.6	29.1	65
3/25/2010 1:00	21	0.6	1.3	334	-2.9	26.8	73
3/25/2010 2:00	17	0.6	1.3	17	-4.1	24.6	77
3/25/2010 3:00	-3	1.0	2.2	185	-2.0	28.4	68
3/25/2010 4:00	9	2.1	4.7	193	0.2	32.4	60
3/25/2010 5:00	-2	2.4	5.4	179	1.0	33.8	55
3/25/2010 6:00	9	1.9	4.3	156	1.6	34.9	51
3/25/2010 7:00	5	2.6	5.8	162	1.7	35.1	51
3/25/2010 8:00	1	2.9	6.5	155	3.6	38.5	46
3/25/2010 9:00	11	4.4	9.8	149	6.6	43.9	37
3/25/2010 10:00	8	4.8	10.7	145	7.7	45.9	34
3/25/2010 11:00	3	4.2	9.4	153	8.6	47.5	30
3/25/2010 12:00	3	3.7	8.3	150	10.3	50.5	25
3/25/2010 13:00	15	4.3	9.6	177	11.3	52.3	25
3/25/2010 14:00	15	5.1	11.4	196	10.3	50.5	37
3/25/2010 15:00	14	3.5	7.8	256	9.3	48.7	43
3/25/2010 16:00	3	2.4	5.4	301	7.9	46.2	48
3/25/2010 17:00	21	1.4	3.1	204	7.2	45.0	52
3/25/2010 18:00	-5	2.6	5.8	194	5.1	41.2	65
3/25/2010 19:00	21	1.8	4.0	198	3.4	38.1	80
3/25/2010 20:00	-5	1.5	3.4	257	2.6	36.7	84
3/25/2010 21:00	4	0.7	1.6	282	1.2	34.2	89
3/25/2010 22:00	11	0.6	1.3	265	0.7	33.3	90
3/25/2010 23:00	4	0.8	1.8	7	1.2	34.2	89
3/26/2010 0:00	-5	1.2	2.7	51	0.3	32.5	88
3/26/2010 1:00	15	1.0	2.2	164	-0.6	30.9	86
3/26/2010 2:00	-5	1.9	4.3	235	-0.1	31.8	76
3/26/2010 3:00	16	2.9	6.5	235	0.8	33.4	70
3/26/2010 4:00	-1	2.2	4.9	232	-0.2	31.6	68
3/26/2010 5:00	-5	2.7	6.0	217	0.6	33.1	64
3/26/2010 6:00	11	2.4	5.4	202	0.3	32.5	65
3/26/2010 7:00	2	2.5	5.6	209	0.3	32.5	63
3/26/2010 8:00	-5	3.5	7.8	253	1.2	34.2	59
3/26/2010 9:00	0	3.7	8.3	247	3.4	38.1	52
3/26/2010 10:00	2	3.7	8.3	247	4.0	39.2	50
3/26/2010 11:00	7	3.5	7.8	239	5.8	42.4	43
3/26/2010 12:00	6	4.5	10.1	258	5.9	42.6	45
3/26/2010 13:00	6	5.6	12.5	255	5.8	42.4	48
3/26/2010 14:00	-3	2.6	5.8	327	4.8	40.6	53
3/26/2010 15:00	-4	4.0	8.9	320	5.5	41.9	45
3/26/2010 16:00	-5	4.3	9.6	288	6.0	42.8	39
3/26/2010 17:00	11	4.9	11.0	301	6.7	44.1	36
3/26/2010 18:00	0	4.6	10.3	303	5.8	42.4	37
3/26/2010 19:00	3	2.6	5.8	315	4.1	39.4	45
3/26/2010 20:00	-4	1.2	2.7	325	1.4	34.5	63
3/26/2010 21:00	0	0.6	1.3	157	0.1	32.2	67
3/26/2010 22:00	-2	1.0	2.2	60	0.9	33.6	61
3/26/2010 23:00	3	0.6	1.3	58	0.2	32.4	63
3/27/2010 0:00	7	0.6	1.3	268	-1.8	28.8	71
3/27/2010 1:00	0	0.7	1.6	325	-3.0	26.6	75
3/27/2010 2:00	-5	1.1	2.5	259	-1.4	29.5	70
3/27/2010 3:00	2	2.8	6.3	249	0.8	33.4	59
3/27/2010 4:00	2	1.5	3.4	261	0.9	33.6	58
3/27/2010 5:00	2	1.4	3.1	269	0.6	33.1	61
3/27/2010 6:00	1	2.8	6.3	243	1.5	34.7	58
3/27/2010 7:00	3	2.7	6.0	242	1.6	34.9	57
3/27/2010 8:00	0	2.8	6.3	241	2.1	35.8	55
3/27/2010 9:00	2	3.6	8.1	239	4.4	39.9	45
3/27/2010 10:00	-4	3.2	7.2	243	5.8	42.4	38
3/27/2010 11:00	8	2.6	5.8	248	7.2	45.0	34
3/27/2010 12:00	10	2.6	5.8	223	8.5	47.3	31
3/27/2010 13:00	7	2.6	5.8	193	9.2	48.6	30
3/27/2010 14:00	3	2.9	6.5	193	10.6	51.1	28
3/27/2010 15:00	3	3.5	7.8	193	11.5	52.7	27
3/27/2010 16:00	-2	3.2	7.2	204	12.4	54.3	26
3/27/2010 17:00	3	3.4	7.6	202	12.4	54.3	26

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
3/27/2010 18:00	-5	3.7	8.3	207	11.3	52.3	29
3/27/2010 19:00	6	1.5	3.4	305	8.5	47.3	39
3/27/2010 20:00	4	0.9	2.0	303	3.4	38.1	56
3/27/2010 21:00	-3	1.2	2.7	265	-0.5	31.1	68
3/27/2010 22:00	6	0.7	1.6	207	-1.3	29.7	72
3/27/2010 23:00	-5	1.1	2.5	160	-1.6	29.1	70
3/28/2010 0:00	25	1.4	3.1	216	-0.5	31.1	62
3/28/2010 1:00	1	1.6	3.6	218	0.5	32.9	56
3/28/2010 2:00	2	1.7	3.8	222	0.1	32.2	56
3/28/2010 3:00	0	2.3	5.1	190	3.3	37.9	46
3/28/2010 4:00	3	3.1	6.9	168	4.5	40.1	42
3/28/2010 5:00	1	3.9	8.7	159	4.8	40.6	39
3/28/2010 6:00	-5	4.3	9.6	153	4.5	40.1	39
3/28/2010 7:00	0	3.5	7.8	161	3.8	38.8	40
3/28/2010 8:00	-5	4.0	8.9	159	4.9	40.8	37
3/28/2010 9:00	7	4.8	10.7	161	7.2	45.0	31
3/28/2010 10:00	3	4.7	10.5	166	7.9	46.2	28
3/28/2010 11:00	5	5.0	11.2	181	8.0	46.4	25
3/28/2010 12:00	BA	6.0	13.4	192	11.5	52.7	15
3/28/2010 13:00	51	BA	BA	BA	12.9	55.2	13
3/28/2010 14:00	5	5.9	13.2	206	11.8	53.2	17
3/28/2010 15:00	10	6.2	13.9	207	13.8	56.8	16
3/28/2010 16:00	8	6.9	15.4	206	14.1	57.4	17
3/28/2010 17:00	12	6.5	14.5	210	13.8	56.8	22
3/28/2010 18:00	2	5.6	12.5	208	12.1	53.8	29
3/28/2010 19:00	5	3.9	8.7	200	10.9	51.6	34
3/28/2010 20:00	4	3.3	7.4	211	9.5	49.1	41
3/28/2010 21:00	5	3.6	8.1	207	8.6	47.5	47
3/28/2010 22:00	4	2.8	6.3	202	8.0	46.4	49
3/28/2010 23:00	33	5.3	11.9	206	7.2	45.0	58
3/29/2010 0:00	6	4.1	9.2	173	6.1	43.0	64
3/29/2010 1:00	-4	3.9	8.7	193	6.5	43.7	60
3/29/2010 2:00	7	4.0	8.9	182	6.4	43.5	62
3/29/2010 3:00	5	4.7	10.5	191	7.1	44.8	57
3/29/2010 4:00	10	4.2	9.4	206	7.8	46.0	51
3/29/2010 5:00	12	3.1	6.9	204	7.4	45.3	50
3/29/2010 6:00	8	3.4	7.6	190	8.3	46.9	45
3/29/2010 7:00	10	3.8	8.5	197	7.7	45.9	54
3/29/2010 8:00	7	4.5	10.1	181	7.3	45.1	60
3/29/2010 9:00	4	4.7	10.5	169	7.5	45.5	61
3/29/2010 10:00	5	5.0	11.2	181	8.3	46.9	60
3/29/2010 11:00	11	4.7	10.5	220	8.4	47.1	59
3/29/2010 12:00	1	3.7	8.3	225	8.9	48.0	58
3/29/2010 13:00	-2	4.1	9.2	206	10.6	51.1	52
3/29/2010 14:00	9	5.5	12.3	214	12.3	54.1	43
3/29/2010 15:00	-3	4.5	10.1	204	11.8	53.2	48
3/29/2010 16:00	14	5.8	13.0	214	10.7	51.3	53
3/29/2010 17:00	-4	3.7	8.3	195	10.2	50.4	56
3/29/2010 18:00	-5	3.6	8.1	197	8.5	47.3	62
3/29/2010 19:00	4	3.7	8.3	201	8.3	46.9	58
3/29/2010 20:00	-5	3.7	8.3	222	7.1	44.8	64
3/29/2010 21:00	-1	3.3	7.4	215	5.7	42.3	76
3/29/2010 22:00	10	3.0	6.7	177	4.4	39.9	84
3/29/2010 23:00	-2	1.7	3.8	155	4.0	39.2	86
3/30/2010 0:00	-2	1.7	3.8	26	2.1	35.8	87
3/30/2010 1:00	-5	1.1	2.5	45	0.3	32.5	90
3/30/2010 2:00	4	0.3	0.7	53	0.1	32.2	90
3/30/2010 3:00	9	0.3	0.7	48	0.2	32.4	88
3/30/2010 4:00	-1	0.3	0.7	48	0.1	32.2	87
3/30/2010 5:00	-2	0.3	0.7	20	-0.1	31.8	86
3/30/2010 6:00	-5	0.3	0.7	18	-0.5	31.1	89
3/30/2010 7:00	1	0.3	0.7	42	-0.7	30.7	89
3/30/2010 8:00	-5	0.3	0.7	47	-0.6	30.9	87
3/30/2010 9:00	5	0.3	0.7	55	-0.6	30.9	81
3/30/2010 10:00	1	0.4	0.9	189	0.6	33.1	75
3/30/2010 11:00	-4	2.0	4.5	177	1.8	35.2	73
3/30/2010 12:00	10	2.1	4.7	195	3.9	39.0	64
3/30/2010 13:00	-5	2.9	6.5	211	3.7	38.7	60
3/30/2010 14:00	1	2.7	6.0	239	4.6	40.3	46
3/30/2010 15:00	4	3.7	8.3	264	5.1	41.2	38
3/30/2010 16:00	-2	3.2	7.2	273	4.4	39.9	41
3/30/2010 17:00	1	3.5	7.8	265	4.4	39.9	41
3/30/2010 18:00	-5	3.2	7.2	249	3.1	37.6	48
3/30/2010 19:00	3	2.4	5.4	178	1.2	34.2	66
3/30/2010 20:00	-4	2.8	6.3	191	0.7	33.3	66
3/30/2010 21:00	-5	3.6	8.1	205	0.4	32.7	69
3/30/2010 22:00	14	2.7	6.0	197	-1.0	30.2	80
3/30/2010 23:00	15	1.8	4.0	215	-1.5	29.3	84
3/31/2010 0:00	16	1.8	4.0	272	-3.0	26.6	87
3/31/2010 1:00	-5	1.0	2.2	180	-3.9	25.0	87

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
3/31/2010 2:00	0	1.4	3.1	243	-3.5	25.7	84
3/31/2010 3:00	-3	2.0	4.5	218	-2.8	27.0	79
3/31/2010 4:00	15	1.3	2.9	166	-3.1	26.4	79
3/31/2010 5:00	-5	1.9	4.3	210	-3.7	25.3	76
3/31/2010 6:00	-3	1.6	3.6	209	-3.2	26.2	74
3/31/2010 7:00	11	1.8	4.0	227	-4.4	24.1	71
3/31/2010 8:00	-5	2.2	4.9	220	-3.1	26.4	60
3/31/2010 9:00	6	2.0	4.5	201	0.4	32.7	49
3/31/2010 10:00	4	2.3	5.1	201	2.3	36.1	41
3/31/2010 11:00	-3	2.3	5.1	200	3.2	37.8	39
3/31/2010 12:00	2	2.4	5.4	251	4.4	39.9	40
3/31/2010 13:00	0	2.2	4.9	316	4.6	40.3	40
3/31/2010 14:00	-5	2.1	4.7	288	5.5	41.9	34
3/31/2010 15:00	11	1.9	4.3	266	6.7	44.1	28
3/31/2010 16:00	-5	3.1	6.9	321	5.6	42.1	35
3/31/2010 17:00	6	1.3	2.9	280	5.6	42.1	28
3/31/2010 18:00	-5	1.8	4.0	300	2.9	37.2	41
3/31/2010 19:00	-5	2.0	4.5	40	-0.4	31.3	69
3/31/2010 20:00	-1	1.4	3.1	349	-2.3	27.9	81
3/31/2010 21:00	11	1.4	3.1	306	-3.0	26.6	81
3/31/2010 22:00	-3	0.5	1.1	73	-3.6	25.5	84
3/31/2010 23:00	7	0.4	0.9	118	-4.5	23.9	87
4/1/2010 0:00	7	0.9	2.0	160	-4.7	23.5	87

BA = Routine maintenance / repairs